National Library of Medicine

ABRIDGED INDEX MEDICUS

Volume 21, Number 11
November 1990

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

NATIONAL LIBRARY OF MEDICINE PUBLICATIONS

HOW TO ORDER

The following National Library of Medicine (NLM) publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Please do not send orders to the National Library of Medicine.) Remittance should accompany orders, and, unless otherwise specified, foreign orders should include an additional 25% of the domestic price to cover mailing. To avoid delays, send a separate order for each title requested, and include full title, price and GPO catalog number. GPO phone order and information desk (202) 783-3238. FAX orders call (202) 275-0019.

Index Medicus, 1990: Published monthly as a bibliographic listing of references to current articles from approximately 3,000 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* and *List of Journals Indexed* are furnished as part of the subscription. Annual subscription (1990): $310 ($387.50 foreign); single issues $46 ($57.50 foreign).

GPO Subscription Code: *IM90*

Cumulated Index Medicus, Vol. 30 1989: A cumulation in sixteen volumes of the citations appearing in *Index Medicus* in 1989. Included are authors and subject sections, Medical Subject Headings, List of Journals Indexed, and Bibliography of Medical Reviews. Price: $307 ($383.75 foreign). S/N 617-052-00284-1; 1988: $250 ($312.50 foreign), S/N 617-052-00276-4. Information on earlier editions can be obtained by contacting NLM's Publications Office, Phone:301-496-6308.

Abridged Index Medicus, 1990: A monthly bibliography, based on articles from 118 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: $50 ($62.50 foreign); single issues $11 ($13.75 foreign). NOTE: Subscription does not include annual cumulation; see below.

GPO Subscription Code: *ABIM*

Cumulated Abridged Index Medicus, 1989, Volume 20. A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1989. Contains subject and author section. Price $65 ($81.25 foreign) S/N 017-052-00283-0; 1988: $65 ($81.25 foreign) S/N 017-052-00279-1; 1987: $47 ($58.75 foreign) S/N 017-052-00272-4. Information on earlier editions can be obtained by contacting NLM's Publications Office, Phone: 301-496-6308.

List of Journals Indexed in Index Medicus, 1990: An annual listing of approximately 3,000 journals indexed in *Index Medicus*. Contains four sections: abbreviation, full title, subject, and geographical. (Included with subscription to *Index Medicus*.) Price for individual copies: $13 ($16.25 foreign).

GPO Code: *IM90* (List of Journals Indexed in Index Medicus)

Medical Subject Headings, 1990--Supplement to *Index Medicus*: The subject headings in the 1990 MeSH are arranged alphabetically, with cross references and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for $36 ($45 foreign).

GPO Code: *IM90* (Medical Subject Headings)

AIDS Bibliography, 1990: A monthly listing of recent references to journal articles, books, and audiovisual materials on AIDS. Annual subscription (1990): $48 ($60 foreign); single issues $4 ($5 foreign).

GPO Subscription Code: *AID90*

Current Bibliographies in Medicine, 1990: Subscribers receive approximately 20 bibliographies yearly on distinct subject areas in biomedicine (excluding AIDS). Annual subscription (1990): $32 ($65 foreign); single issues $3 ($3.75 foreign).

GPO Subscription Code: *CBM90*

NLM Current Catalog, 1990 (quarterly): A bibliographic listing of monographs and serials cataloged by the Library. Contains listings by subject, title, series and name. Subscription price: $37 ($46.25 foreign). Single copy price: $27 ($33.75 foreign). NOTE: Subscription begins in month that order is received at GPO. Back issues are not included. Annual cumulation not included with quarterly subscription.

GPO Subscription Code: *NLCQ*

NLM Current Catalog, 1989 Annual Cumulation: A bibliographic listing of monographs and serials cataloged by the Library. Contains listings by subject, title, series and name. The annual cumulation is not furnished automatically to subscribers to the quarterlies, but must be ordered separately. The annual supersedes the previous year's quarterlies. Price: $58 ($72.50 foreign) S/N 017-052-00288-1; 1988: $52 ($65 foreign) S/N 017-052-00280-5; 1987: $68 ($85 foreign) S/N 017-052-00274-1. Information on earlier editions can be obtained by contacting NLM's Publications Office, Phone:301-496-6308.

NLM Catalog, 1984 edition (microfiche only): This century's first comprehensive compilation of information about virtually all of the catalogued items in the Library's collection. Derived from CATLINE, the *NLM Catalog* is a name, title and subject listing of citations to approximately 585,000 printed monographs, serials, and audiovisual serials with imprint years of 1984 and earlier. Total fiche (48x) 796. Price: $65 ($81.25 foreign) S/N 017-052-00256-2.

Health Sciences Serials, 1990 (quarterly): Available in microfiche only. Each issue contains information on some 41,500 serials in NLM's SERLINE database; many records include locator information for 120 libraries in the U.S. Annual subscription: $15 ($18.75 foreign); single issues $4.25 ($5.31 foreign).

GPO Subscription Code: *HSS*

National Library of Medicine Classification, 4th Edition, 1978, Revised 1981: An authoritative guide to organizing materials in health science collections. The *NLM Classification* covers the field of medicine and related sciences using schedules Q, QS, QT and W. These schedules are permanently excluded from the Library of Congress Classification although LC's various schedules supplement the *NLM Classification* for subjects bordering on medicine and for general reference material. Price (reprint edition): $21 ($26.25 foreign) S/N 017-052-00281-3.

NLM Audiovisuals Catalog, 1990 (quarterly). Contains subject, name/title, and procurement sections for audiovisual instructional materials cataloged by NLM. Subscriptions include 3 quarterlies plus annual cumulation (issued in lieu of 4th quarterly). Price: $27 ($33.75 foreign).

GPO Subscription Code: *MAC90*

NLM Audiovisuals Catalog, 1989 Annual Cumulation: Issued as part of the *NLM Audiovisual Catalog* (quarterly). This casebound annual cumulation is also available separately. NOTE: When ordering include words "4th quarterly, 1989", S/N 717-110-00004-8. Price: $23 ($28.75 foreign). Information on earlier editions can be obtained by contacting NLM's Publications Office, Phone:301-496-6308.

Bibliography of the History of Medicine: A bibliographic listing of citations dealing with the history of medicine and its related sciences and professions. No. 24, 1988: $14 ($17.50 foreign) S/N 017-052-00282-1; No. 23, 1987 $14 ($17.50 foreign) S/N 017-052-00275-9; No. 22, 1986: $12 ($15 foreign) S/N 017-052-00273-2. Information on earlier editions can be obtained by contacting NLM's Publications Office, Phone: 301-496-6308.

A Catalog of Seventeenth Century Printed Books in the National Library of Medicine (1989): Casebound, 1313 pages. Lists of 13,300 books printed from 1601-1700 held by the NLM. Price: $45 ($56.25 foreign) S/N 017-052-00255-4.

A Short Title Catalogue of Eighteenth Century Books Printed in the National Library of Medicine (1979): Casebound, 501 pages. List approximately 25,000 items printed from 1701-1800 which are held in the History of Medicine Division collection of the NLM. Price: $13 ($16.25 foreign), S/N 017-052-00198-1.

A History of the National Library of Medicine: The Nation's Treasury of Medical Knowledge, by Wyndham D. Miles, Ph.D. (1982). A comprehensive, illustrated history of NLM from its beginnings in the early 19th century through its development as an international biomedical information center. Casebound, 531 pages. Price: $14($17.50 foreign) S/N 017-052-00224-4.

ISSN: 0001-3331

National Library of Medicine

ABRIDGED INDEX MEDICUS

Volume 21, Number 11
November 1990

U.S. DEPARTMENT OF HEALTH
AND HUMAN SERVICES
Public Health Service
National Institutes of Health

NATIONAL LIBRARY OF MEDICINE
8600 Rockville Pike
Bethesda, Maryland 20894

NIH Publication No. 91-251

National Library of Medicine Cataloging in Publication

ZW
1
A158

Abridged Index medicus / National Library of Medicine [and] Medical Library Association, cosponsor. -- Vol. 1, no. 1 (Jan. 1970)- . -- [Bethesda, Md.] : The Library ; Washington : Supt. of Docs., U.S. G.P.O. [distributor], 1969-
v.
Vol. 1, no. 1 preceded by Pilot issue dated Aug. 1969.
Issues for v. 8, no. 6-7, June-July 1977 have identical contents covering June citations only. A combined issue including the July and Aug. citations was issued Aug. 1977 and called v. 8, no. 7/8 (July/Aug. 1977).
Vols. for Apr. 1972-Apr. 1979 issued as DHEW publication no. (NIH) 72-251, etc; for May 1979- as NIH publication ; no. 79-251, etc.
ISSN 0001-3331 = Abridged Index medicus.

1. Medicine - indexes I. Medical Library Association. II. National Library of Medicine (U.S.) III. Title: Index medicus IV. Series: DHEW publication ; no. (NIH) 72-251, etc. V. Series: NIH publication ; no. 79-251, etc.

© All or portions of this publication are protected against copying or other reproduction outside of the United States in accordance with the provisions of Article II of the Universal Copyright Convention.

The Secretary of Health and Human Services has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 30, 1991.

SUBSCRIPTION PRICES

Abridged Index Medicus is sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. One year's subscription includes twelve monthly issues. Price: $50.00 per year; $62.50 foreign. Single copies: $11.00; $13.75 foreign. Airmail rates (foreign only) furnished on request to the Mail List Section, Superintendent of Documents. All other communications regarding subscription should be addressed to the Superintendent of Documents.

CONTENTS

Introduction v

List of Journals Indexed vi

NLM Published Searches viii

ABRIDGED INDEX MEDICUS — Subject Section 1

Author Section 187

NLM Publications ..... Inside Front Cover

NLM Recurring Bibliographies ..... Inside Back Cover

INTRODUCTION TO ABRIDGED INDEX MEDICUS

The *Abridged Index Medicus (AIM)* is designed to afford rapid access to selected biomedical journal literature of immediate interest to the practicing physician.

Each issue contains citations from 118 English-language journals, representing a subset of one month's input into the National Library of Medicine's computer-based MEDLARS® (Medical Literature Analysis and Retrieval System). The selection of the journals was made by the Library with guidance from a group of consultants consisting of physicians, medical editors, and medical librarians. Consideration was given to the quality of the journals, usefulness of journal content for the medical practitioner, and the need for providing coverage of all fields of clinical medicine. In some fields, where there are more high-quality journals than could be included in the bibliography, consideration was given to the availability of the journals to the American practitioner. In limiting the size of *AIM* it was necessary to omit many excellent publications. The list of journals indexed will be reviewed periodically and is subject to change. On those occasions when a physician's interests require a scanning of the literature that is not contained in *AIM*, he may turn to the full *Index Medicus®* and to numerous other bibliographic sources.

Journal issues do not arrive at the National Library of Medicine with perfect regularity, nor is it possible to maintain a precise schedule for indexing. Therefore, a given month's *AIM* may contain citations to articles from more than one issue of a monthly journal, or a journal may not be covered in a given issue of *AIM*.

USING ABRIDGED INDEX MEDICUS

Subject Headings

Input to MEDLARS® begins with the indexing of journal articles. The content of each article is analyzed and described by a group of terms (subject headings) selected from *Medical Subject Headings (MeSH®)*, the National Library of Medicine's authority list of technical terms. The bibliographic citations in *Abridged Index Medicus* appear under those subject headings. An acquaintance with *MeSH* will help the user of *AIM* determine which specific headings to consult.

When articles are indexed, the most specific term available in *MeSH* is used. Thus, if an article is concerned with erythromycin, it would be indexed under that term, rather than the broader ANTIBIOTICS. Under the latter term, one would find only: (a) articles dealing with antibiotics generally, (b) those that deal in a very general way with a large number of named antibodies, or (c) those that deal with specific antibiotics which have not been separately listed in *MeSH*.

The physician who is interested in one concept may find that the broader term is also worth examining for articles of possible interest. Although one may be interested primarily in antifungal antibiotics, articles on the general subject of antifungal agents may be useful.

The physician who wants articles on some aspect of the use of antibiotics in pediatric practice would certainly want not only general articles that would appear under ANTIBIOTICS, but also those concerned with specific antibiotics.

Monthly issues of *Abridged Index Medicus* are arranged in two sections: Subject Section and Author Section.

Subject Section

Each article cited in *AIM* will be found under several subject headings which represent the central concepts of the articles. The citation appears in full under each subject heading. Each citation contains the following elements, in order: title of article; first author; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> Hemophilia A: carrier detection and prenatal diagnosis by DNA analysis. Pecorara M, et al. **Blood** 1987 Aug; 70(2):531-5

The above citation appears under four subject headings:

DNA
HEMOPHILIA
HETEROZYGOTE DETECTION
PRENATAL DIAGNOSIS

In the citations, under each of the subject headings, only the first author's name appears. For names of other authors, refer to the Author Section.

Journal titles are abbreviated; the full title may be found by reference to the abbreviation listing on the next page.

Author Section

References in the Author Section cite authors' names; title of article; journal title abbreviations; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> **Mahir MS, Hynd JW, Flute PT, Dormandy JA.** Effect of defibrinogenation on the early patency rate of experimental small calibre arterial grafts. Br J Surg 1987 Jun;74(6):508-10

An Author Section citation may provide the names of as many as ten authors of an article. If an article has eleven or more authors, this is indicated by "et al" after the tenth author's name. The complete citation is printed only under the first author's name; the second through the tenth authors' names are cross-referenced to the full citation under the first author's name, thus:

> **Kersey, JH, Weisdorf D, Nesbit ME, LeBien TW, Woods WG, McGlave PB, Kim T. Vallera DA, Goldman AI, Bostrom B, et al.** Comparison of autologous and allogeneic bone marrow transplantation for treatment of high-risk refractory acute lymphoblastic leukemia. N Engl J Med 1987 Aug 20;317(8):461-7
>
> **Bostrom B see Kersey JH**
> **Goldman AI see Kersey JH**
> **Kim T see Kersey JH**
> **LeBien TW see Kersey JH**
> **McGlave PB see Kersey JH**
> **Nesbit ME see Kersey JH**
> **Vallera DA see Kersey JH**
> **Weisdorf Dsee Kersey JH**
> **Woods WG see Kersey JH**

Users of *Abridged Index Medicus* are invited to send comments and suggestions to:

Donald A.B. Lindberg, M.D.
Editor-in-Chief, *Index Medicus*
National Library of Medicine
Bethesda, Maryland 20894

LIST OF JOURNALS INDEXED

A

ACADEMIC MEDICINE (PHILADELPHIA PA)
Acad Med

AJR. AMERICAN JOURNAL OF ROENTGENOLOGY (BALTIMORE MD)
AJR Am J Roentgenol

AMERICAN FAMILY PHYSICIAN (KANSAS CITY MO)
Am Fam Physician

AMERICAN HEART JOURNAL (ST. LOUIS MO)
Am Heart J

AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK NY)
Am J Cardiol

AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)
Am J Clin Nutr

AMERICAN JOURNAL OF CLINICAL PATHOLOGY (PHILADELPHIA PA)
Am J Clin Pathol

AMERICAN JOURNAL OF DISEASES OF CHILDREN (CHICAGO IL)
Am J Dis Child

AMERICAN JOURNAL OF THE MEDICAL SCIENCES (THOROFARE NJ)
Am J Med Sci

AMERICAN JOURNAL OF MEDICINE (NEWTON MA)
Am J Med

AMERICAN JOURNAL OF NURSING (NEW YORK NY)
Am J Nurs

AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST. LOUIS MO)
Am J Obstet Gynecol

AMERICAN JOURNAL OF OPHTHALMOLOGY (CHICAGO IL)
Am J Ophthalmol

AMERICAN JOURNAL OF PATHOLOGY (PHILADELPHIA PA)
Am J Pathol

AMERICAN JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION (BALTIMORE MD)
Am J Phys Med Rehabil

AMERICAN JOURNAL OF PSYCHIATRY (WASHINGTON DC)
Am J Psychiatry

AMERICAN JOURNAL OF PUBLIC HEALTH (WASHINGTON DC)
Am J Public Health

AMERICAN JOURNAL OF SURGERY (NEWTON MA)
Am J Surg

AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE (LAWRENCE KS)
Am J Trop Med Hyg

AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK NY)
Am Rev Respir Dis

ANAESTHESIA (LONDON)
Anaesthesia

ANESTHESIA AND ANALGESIA (NEW YORK NY)
Anesth Analg

ANESTHESIOLOGY (PHILADELPHIA PA)
Anesthesiology

ANNALS OF EMERGENCY MEDICINE (DALLAS TX)
Ann Emerg Med

ANNALS OF INTERNAL MEDICINE (PHILADELPHIA PA)
Ann Intern Med

ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY (ST. LOUIS MO)
Ann Otol Rhinol Laryngol

ANNALS OF SURGERY (PHILADELPHIA PA)
Ann Surg

ANNALS OF THORACIC SURGERY (NEW YORK NY)
Ann Thorac Surg

ARCHIVES OF DERMATOLOGY (CHICAGO IL)
Arch Dermatol

ARCHIVES OF DISEASE IN CHILDHOOD (LONDON)
Arch Dis Child

ARCHIVES OF ENVIRONMENTAL HEALTH (WASHINGTON DC)
Arch Environ Health

ARCHIVES OF GENERAL PSYCHIATRY (CHICAGO IL)
Arch Gen Psychiatry

ARCHIVES OF INTERNAL MEDICINE (CHICAGO IL)
Arch Intern Med

ARCHIVES OF NEUROLOGY (CHICAGO IL)
Arch Neurol

ARCHIVES OF OPHTHALMOLOGY (CHICAGO IL)
Arch Ophthalmol

ARCHIVES OF OTOLARYNGOLOGY — HEAD AND NECK SURGERY (CHICAGO IL)
Arch Otolaryngol Head Neck Surg

ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE (CHICAGO IL)
Arch Pathol Lab Med

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO IL)
Arch Phys Med Rehabil

ARCHIVES OF SURGERY (CHICAGO IL)
Arch Surg

ARTHRITIS AND RHEUMATISM (ATLANTA GA)
Arthritis Rheum

B

BLOOD (DULUTH MN)
Blood

BMJ (LONDON)
BMJ

BRAIN (OXFORD)
Brain

BRITISH HEART JOURNAL (LONDON)
Br Heart J

BRITISH JOURNAL OF OBSTETRICS AND GYNAECOLOGY (OXFORD)
Br J Obstet Gynaecol

BRITISH JOURNAL OF RADIOLOGY (LONDON)
Br J Radiol

BRITISH JOURNAL OF RHEUMATOLOGY (LONDON)
Br J Rheumatol

BRITISH JOURNAL OF SURGERY (LONDON)
Br J Surg

C

CA: A CANCER JOURNAL FOR CLINICIANS (NEW YORK NY)
CA

CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)
Can Med Assoc J

CANCER (PHILADELPHIA PA)
Cancer

CHEST (PARK RIDGE IL)
Chest

CIRCULATION (DALLAS TX)
Circulation

CLINICAL ORTHOPAEDICS AND RELATED RESEARCH (PHILADELPHIA PA)
Clin Orthop

CLINICAL PEDIATRICS (CLEVELAND OH)
Clin Pediatr (Phila)

CLINICAL PHARMACOLOGY AND THERAPEUTICS (ST. LOUIS MO)
Clin Pharmacol Ther

CRITICAL CARE MEDICINE (BALTIMORE MD)
Crit Care Med

CURRENT PROBLEMS IN SURGERY (ST LOUIS, MO)
Curr Probl Surg

D

DIABETES (NEW YORK NY)
Diabetes

DIGESTIVE DISEASES AND SCIENCES (NEW YORK NY)
Dig Dis Sci

DISEASE-A-MONTH (CHICAGO IL)
Dis Mon

E

ENDOCRINOLOGY (BALTIMORE MD)
Endocrinology

G

GASTROENTEROLOGY (PHILADELPHIA PA)
Gastroenterology

GERIATRICS (MIDDLEBURG OH)
Geriatrics

GUT (LONDON)
Gut

H

HEART AND LUNG (ST. LOUIS MO)
Heart Lung

HOSPITAL PRACTICE (OFFICE EDITION) (NEW YORK NY)
Hosp Pract [Off]

HOSPITALS (CHICAGO IL)
Hospitals

J

JAMA (CHICAGO IL)
JAMA

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY (ST. LOUIS MO)
J Allergy Clin Immunol

JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY (NEW YORK NY)
J Am Coll Cardiol

JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION (CHICAGO IL)
J Am Diet Assoc

JOURNAL OF BONE AND JOINT SURGERY. AMERICAN VOLUME (BOSTON MA)
J Bone Joint Surg [Am]

JOURNAL OF BONE AND JOINT SURGERY. BRITISH VOLUME (LONDON)
J Bone Joint Surg [Br]

JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM (BALTIMORE MD)
J Clin Endocrinol Metab

JOURNAL OF CLINICAL INVESTIGATION (NEW YORK NY)
J Clin Invest

JOURNAL OF CLINICAL PATHOLOGY (LONDON)
J Clin Pathol

JOURNAL OF FAMILY PRACTICE (EAST NORWALK CT)
J Fam Pract

JOURNAL OF GERONTOLOGY (WASHINGTON DC)
J Gerontol

JOURNAL OF IMMUNOLOGY (BALTIMORE MD)
J Immunol

JOURNAL OF INFECTIOUS DISEASES (CHICAGO IL)
J Infect Dis

JOURNAL OF LABORATORY AND CLINICAL MEDICINE (ST. LOUIS MO)
J Lab Clin Med

JOURNAL OF LARYNGOLOGY AND OTOLOGY (LONDON)
J Laryngol Otol

JOURNAL OF NERVOUS AND MENTAL DISEASE (BALTIMORE MD)
J Nerv Ment Dis

JOURNAL OF NEUROSURGERY (BALTIMORE MD)
J Neurosurg

JOURNAL OF NURSING ADMINISTRATION (WAKEFIELD MA)
J Nurs Adm

JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY (PHILADELPHIA PA)
J Oral Maxillofac Surg

JOURNAL OF PEDIATRICS (ST. LOUIS MO)
J Pediatr

JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY (ST. LOUIS MO)
J Thorac Cardiovasc Surg

JOURNAL OF TOXICOLOGY. CLINICAL TOXICOLOGY (NEW YORK NY)
J Toxicol Clin Toxicol

JOURNAL OF TRAUMA (BALTIMORE MD)
J Trauma

JOURNAL OF UROLOGY (BALTIMORE MD)
J Urol

L

LANCET (LONDON)
Lancet

M

MAYO CLINIC PROCEEDINGS (ROCHESTER MN)
Mayo Clin Proc

MEDICAL CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Med Clin North Am

MEDICAL LETTER ON DRUGS AND THERAPEUTICS (NEW ROCHELLE NY)
Med Lett Drugs Ther

MEDICINE (BALTIMORE MD)
Medicine (Baltimore)

N

NEUROLOGY (CLEVELAND OH)
Neurology

NEW ENGLAND JOURNAL OF MEDICINE (BOSTON MA)
N Engl J Med

NURSING CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Nurs Clin North Am

NURSING OUTLOOK (NEW YORK NY)
Nurs Outlook

NURSING RESEARCH (NEW YORK NY)
Nurs Res

O

OBSTETRICS AND GYNECOLOGY (NEW YORK NY)
Obstet Gynecol

ORTHOPEDIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Orthop Clin North Am

P

PEDIATRIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Pediatr Clin North Am

PEDIATRICS (EVANSTON IL)
Pediatrics

PHYSICAL THERAPY (WASHINGTON DC)
Phys Ther

PLASTIC AND RECONSTRUCTIVE SURGERY (BALTIMORE MD)
Plast Reconstr Surg

POSTGRADUATE MEDICINE (MINNEAPOLIS MN)
Postgrad Med

PROGRESS IN CARDIOVASCULAR DISEASES (NEW YORK NY)
Prog Cardiovasc Dis

PUBLIC HEALTH REPORTS (HYATTSVILLE MD)
Public Health Rep

R

RADIOLOGIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Radiol Clin North Am

RADIOLOGY (EASTON PA)
Radiology

S

SOUTHERN MEDICAL JOURNAL (BIRMINGHAM AL)
South Med J

SURGERY (ST. LOUIS MO)
Surgery

SURGERY, GYNECOLOGY AND OBSTETRICS (CHICAGO IL)
Surg Gynecol Obstet

SURGICAL CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Surg Clin North Am

U

UROLOGIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Urol Clin North Am

W

WESTERN JOURNAL OF MEDICINE (SAN FRANCISCO CA)
West J Med

NATIONAL LIBRARY OF MEDICINE PUBLISHED SEARCHES

The Reference Section of the National Library of Medicine produces two bibliographic series of publications which result primarily from a search of the literature contained in a variety of online databases. NLM databases utilized include MEDLINE, AIDSLINE, BIOETHICSLINE, CATLINE, HEALTH PLANNING AND ADMINISTRATION, and TOXLINE, among others. AIDS Bibliography (AIDS) and Current Bibliographies in Medicine (CBM) are both subscription items available from the U.S. Government Printing Office (GPO).

AIDS Bibliography (AID90)

AIDS Bibliography (1990) is a monthly listing of recent references to journal articles, books, and audiovisual materials. AIDS is available on either a subscription $48 ($60 foreign) or an individual title $4 ($5 foreign) basis from the *Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. GPO Phone Orders: 202-783-3238.*

Current Bibliographies in Medicine (CBM90)

Each bibliography in the *Current Bibliographies in Medicine* (1990) series covers a distinct subject area of interest to biomedicine and is intended to fulfill a current awareness function. Approximately 20 bibliographies are produced per year. Included as part of this series are all bibliographies prepared in support of National Institutes of Health Consensus Development Conferences (indicated by an *asterisk* on the list below). In 1989, this series absorbed another NLM title, the *Specialized Bibliography Series*. CBM is available on either a subscription $52 ($65 foreign) or an individual title $3 ($3.75 foreign) basis from the *Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. GPO Phone Orders: 202-783-3238.*

CBM No.	Title
90-11*	Diagnosis and management of asymptomatic primary hyperparathyroidism. January 1986 through September 1990. 1057 citations. [S/N 817-006-00011-6]
90-10*	Clinical use of botulinum toxin. January 1987 through September 1990. 318 citations. [S/N 817-006-00010-8]
90-9	Alzheimer's disease and the family. January 1986 through July 1990. 343 citations. [S/N 817-006-00009-4]
90-8	Fish oils. January 1989 through July 1990. 653 citations. [S/N 817-006-00008-6]
90-7	Cocaine, pregnancy and the newborn. January 1988 through March 1990. 468 citations. [S/N 817-006-00007-8]
90-6*	Treatment of early-stage breast cancer. January 1985 through May 1990. 668 citations. [S/N 817-006-00006-0]
90-5	Laboratory animal welfare. December 1988 through December 1989. 86 citations. [S/N 817-006-00005-1]
90-4*	Intravenous immunoglobulin: prevention and treatment of disease. January 1986 through April 1990. 888 citations. [S/N 817-006-00004-3]
90-3*	Adjuvant therapy for colon and rectum cancer. January1985 through April 1990. 491 citations. [S/N 817-006-00003-5]
90-2*	Sleep disorders of older people. January 1985 through March 1990. 725 citations. [S/N 817-006-00002-7]
90-1*	Surgery for epilepsy. January 1985 through February1990. 681 citations. [S/N 817-006-00001-9]
89-20	Medication and the elderly. part 2: specific diseases January 1985 through December 1989. 867 citations. [S/N 817-005-00020-9]
89-19	Medication and the elderly. part I: treatment issues. January 1985 through December 1989. 1017 citations. [S/N 817-005-00019-5]
89-18	Growth hormones and short stature. January 1983 through September 1989. 470 citations. [S/N 817-005-00018-7]
89-17	Chronic fatigue. January 1980 through December 1989. 285 citations. [S/N 817-005-00017-9]
89-16	Alcholism and the family. January 1988 through July1989. 292 citations. [S/N 817-005-00016-1]
89-15	Care and use of laboratory animals. January 1985 through December 1989. 230 citations.[S/N 817-005-00015-2]
89-14*	Noise and hearing loss. January 1985 through December 1989. 757 citations. [S/N 817-005-00014-4]
89-13	Exercise and the elderly. January 1986 through July1989. 1050 citations. [S/N 817-005-00013-6]
89-12	Post-polio syndrome. January 1967 through September 1989. 223 citations. [S/N 817-005-00012-8]
89-11*	Treatment of destructive behaviors in persons with devel opmental disabilities. January 1966 through August 1989. 751 citations. [S/N 817-005-00011-0]
89-10	Anthropometric measures of malnutrition in children. October 1955 through March 1989. 529 citations. [S/N 817-005-00010-1]
89-9	Toxoplasmosis in man and animals. January 1987 through May 1989. 986 citations. [S/N 817-005-00009-8]
89-8	Behavioral and mental disorders of the homeless. January 1983 through May 1989. 294 citations. [S/N 817-005-00008-0]
89-7	Health benefits of fish oils. January 1985 through May 1989. 576 citations. [S/N 817-005-00007-1]
89-6*	Sunlight, ultraviolet radiation, and the skin. January 1984 through Apirl 1989. 521 citations. S/N 817-005-00006-3]
89-5*	Modeling in biomedical research: applications to studies in cardiovascular/pulmonary function and diabetes. January 1986 through March 1989. 830 citations. [S/N 817-005-00005-5]
89-4*	Oral complications of cancer therapies. January 1980 through February 1989. 288 citations. [S/N 817-005-00004-7]
89-3	Laboratory animal welfare. October 1987 through November 1988. 86 citations. [S/N 817-005-00003-9]
89-2	History of neurosurgery. January 1970 through December 1988. 402 citatons. [S/N 817-005-00002-1]
89-1*	Therapeutic endoscopy and bleeding ulcers. January 1980 through December 1988. 491 citations. [S/N 817-005-00001-2]

ABRIDGED INDEX MEDICUS

SUBJECT SECTION

A-23187

Reorientation of prostaglandin F secretion by calcium ionophore, estradiol, and prolactin in perifused porcine endometrium. Gross TS, et al. **Endocrinology** 1990 Aug; 127(2):637–42

ABBREVIATIONS

Acronym for dual-energy x-ray absorptiometry [letter] Wilson CR, et al. **Radiology** 1990 Sep;176(3):875–6

ABDOMEN

Thoracoabdominal asynchrony in acute upper airway obstruction in small children. Sivan Y, et al. **Am Rev Respir Dis** 1990 Sep;142(3):540–4

Variation in the measurement of fetal abdominal circumference [letter] Wheeler T, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):549–50

Lateral cutaneous nerve entrapment [letter] Applegate WV. **J Fam Pract** 1990 Aug;31(2):212

Pancreatic islet transplantation after upper abdominal exenteration and liver replacement. Tzakis AG, et al. **Lancet** 1990 Aug 18;336(8712):402–5

ABDOMEN, ACUTE

Modern aids to clinical decision making in the acute abdomen [letter] **Br J Surg** 1990 Jul;77(7):833–4

ABDOMINAL INJURIES

Selective conservative management of abdominal gunshot wounds: a prospective study. Muckart DJ, et al. **Br J Surg** 1990 Jun;77(6):652–5

Prediction of the delayed complications of intestinal and mesenteric injuries following experimental blunt abdominal trauma. Paterson-Brown S, et al. **Br J Surg** 1990 Jun; 77(6):648–51

Packing and planned reexploration for hepatic and retroperitoneal hemorrhage: critical refinements of a useful technique. Cué JI, et al. **J Trauma** 1990 Aug;30(8):1007–11; discussion 1011–3

A prospective, randomized comparison between open and closed peritoneal lavage techniques. Cué JI, et al. **J Trauma** 1990 Jul;30(7):880–3

Diagnostic peritoneal lavage: is an isolated WBC count greater than or equal to 500/mm3 predictive of intra-abdominal injury requiring celiotomy in blunt trauma patients? Soyka JM, et al. **J Trauma** 1990 Jul;30(7):874–9

Changes in splenic size after abdominal trauma. Goodman LR, et al. **Radiology** 1990 Sep;176(3):629–32

ABDOMINAL NEOPLASMS

Malignant leiomyomatosis peritonealis disseminata. Akkersdijk GJ, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):591–3

Comparison of 22-gauge Chiba and screw-tipped needles for cytologic diagnosis of malignancy in in vitro tumor specimens. Mindell HJ, et al. **Radiology** 1990 Sep; 176(3):681–2

ABDOMINAL PAIN

Superior hypogastric plexus block for pelvic cancer pain. Plancarte R, et al. **Anesthesiology** 1990 Aug;73(2):236–9

ABDOMINAL WALL

Pseudoaneurysm of the inferior epigastric artery: diagnosis and percutaneous treatment. Gage TS, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):529–30

Necrotizing fasciitis of the total abdominal wall after sterilization by partial salpingectomy. Case report and review of literature. Cederna JP, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):138–9 (18 ref.)

Antenatal diagnosis of abdominal wall defects: a missed opportunity? Roberts JP, et al. **Arch Dis Child** 1990 Jul; 65(7 Spec No):687–9

Wound infection after abdominal incision with scalpel or diathermy. Johnson CD, et al. **Br J Surg** 1990 Jun; 77(6):626–7

Antenatal fetal diagnosis and maternal transport gastroschisis. A maternal-infant case report. Carlan SJ, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):378–81

Supraumbilical upper abdominal midline incision for pelvic surgery in the morbidly obese patient. Greer BE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):471–3

"Components separation" method for closure of abdominal-wall defects: an anatomic and clinical study. Ramirez OM, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):519–26

ABNORMALITIES

Transvaginal ultrasonographic detection of congenital anomalies in the first trimester. Cullen MT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):466–76

Ascertainment bias in diabetic outcome data [letter] FitzSimmons J, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):682–3

Embryopathic effects of short-term exposure to hypoglycemia in mouse embryos in vitro. Smoak IW, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):619–24

Absence of need for amniocentesis in patients with elevated levels of maternal serum alpha-fetoprotein and normal ultrasonographic examinations. Nadel AS, et al. **N Engl J Med** 1990 Aug 30;323(9):557–61

ABNORMALITIES, DRUG-INDUCED

Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. Panter KE, et al. **J Toxicol Clin Toxicol** 1990;28(1):69–83

Oral contraception and congenital malformations in offspring: a review and meta-analysis of the prospective studies. Bracken MB. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):552–7

ABNORMALITIES, MULTIPLE

Left retrocaval ureter associated with left inferior vena cava. Pierro JA, et al. **AJR Am J Roentgenol** 1990 Sep; 155(3):545–6

The unsuspected double collecting system on imaging studies and at cystoscopy. Share JC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):561–4

Malaligned outlet septum with subpulmonary ventricular septal defect and abnormal ventriculoarterial connection: a morphologic spectrum defined echocardiographically [see comments] Roberson DA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):459–68. Comment in: J Am Coll Cardiol 1990 Aug;16(2):469–70.

Complex conotruncal abnormalities with subpulmonary ventricular septal defect [editorial; comment] Williams RG. **J Am Coll Cardiol** 1990 Aug;16(2):469–70. Comment on: J Am Coll Cardiol 1990 Aug;16(2):459–68.

Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. Panter KE, et al. **J Toxicol Clin Toxicol** 1990;28(1):69–83

Genital outflow tract obstruction in an adolescent with cloacal exstrophy. Visnesky PM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):548–51

Unilateral duplication of the cerebellar hemisphere and internal, middle, and external ear: a clinical case study. Jackson JM, et al. **Plast Reconstr Surg** 1990 Sep;86(3):550–3

ABNORMALITIES, RADIATION-INDUCED

Perception of teratogenic risk by pregnant women exposed to diagnostic radiation during pregnancy [letter] Mastroiacovo P, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):695

ABO BLOOD-GROUP SYSTEM

Association of type 1 blood group antigens with urinary tract infections in children with genitourinary structural abnormalities. Sheinfeld J, et al. **J Urol** 1990 Aug;144(2 Pt 2):469–73; discussion 474

Liver transplantation across ABO blood group barriers. Gugenheim J, et al. **Lancet** 1990 Sep 1;336(8714):519–23

ABORTIFACIENT AGENTS

The efficacy and tolerance of mifepristone and prostaglandin in first trimester termination of pregnancy. UK Multicentre Trial. **Br J Obstet Gynaecol** 1990 Jun;97(6):480–6

ABORTION APPLICANTS

Routine human immunodeficiency virus infection screening of women requesting induced first-trimester abortion in an inner-city population. Lindsay MK, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):347–50

ABORTION, HABITUAL

Sharing of human leukocyte antigens in primary and secondary recurrent spontaneous abortions. Ho HN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):178–88

Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575–84

Impaired fibrinolytic capacity and early recurrent spontaneous abortion. Gris JC, et al. **BMJ** 1990 Jun 9; 300(6738):1500

Early recurrent miscarriage: histology of conception products. Houwert-de Jong MH, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):533–5

ABORTION, INDUCED

Mifepristone (RU 486) failure in an ovarian heterotopic pregnancy. Levin JH, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):543–4

Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Manabe Y, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):52–6

The physiological and clinical effects of progesterone inhibition with mifepristone (RU 486) in the second trimester. Hill NC, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):487–92

Eugenic abortion: an ethical critique. Beck MN. **Can Med Assoc J** 1990 Aug 1;143(3):181–6

Normal development after exposure to mifepristone in early pregnancy [letter] Lim BH, et al. **Lancet** 1990 Jul 28; 336(8709):257–8

ABORTION, LEGAL

A chill wind blows: Webster, obstetrics, and the health of women. Chavkin W, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):450–2

The efficacy and tolerance of mifepristone and prostaglandin in first trimester termination of pregnancy. UK Multicentre Trial. **Br J Obstet Gynaecol** 1990 Jun;97(6):480–6

Beyond 'abortion': RU-486 and the needs of the crisis constituency. Regelson W, et al. **JAMA** 1990 Aug 22–29; 264(8):1026–7

ABORTION, MISSED

Pregnancy loss terminology [letter] Branch DW, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):245–6

ABORTION, THERAPEUTIC

Abortion in patients with a liver mass [letter] Doherty MG. **South Med J** 1990 Aug;83(8):982–3

ABORTION, THREATENED

A case of Rh isoimmunization: should threatened first-trimester abortion be an indication for Rh immune globulin prophylaxis? Dayton VD, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):63–4

Large intrauterine haematoma in threatened miscarriage. Frequency and clinical consequences [letter] Oláh KS, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):552–3

ABSCESS

Pseudoaneurysm of the inferior epigastric artery: diagnosis and percutaneous treatment. Gage TS, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):529–30

Pott's puffy tumour reviewed. Blackshaw G, et al. **J Laryngol Otol** 1990 Jul;104(7):574–7 (7 ref.)
Tuberculous cold abscess of the corpus cavernosum: a case report. Yachia D, et al. **J Urol** 1990 Aug;144(2 Pt 1):351–2
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 35–1990. A 28-year-old Guatemalan woman with recurrent abdominal pain, fever, and diarrhea. **N Engl J Med** 1990 Aug 30;323(9):593–600

ABSENTEEISM

The effects of workplace health promotion on absenteeism and employment costs in a large industrial population. Bertera RL. **Am J Public Health** 1990 Sep;80(9):1101–5
The effects of a policy change on three types of absence. Lee JB, et al. **J Nurs Adm** 1990 Jul–Aug;20(7–8):37–40
Nonpunitive discipline. A method of reducing absenteeism. Rogers JE, et al. **J Nurs Adm** 1990 Jul–Aug;20(7–8):41–3

ABSTRACTING AND INDEXING

Erratum: Feldman, Gerber abstract [letter] Coles GV. **Am J Public Health** 1990 Sep;80(9):1137
Abstract creep and author inflation [letter] Sobal J, et al. **N Engl J Med** 1990 Aug 16;323(7):488–9

ACADEMIC MEDICAL CENTERS

China's quest for management of academic medicine. Butler WT, et al. **Acad Med** 1990 Aug;65(8):497–501
The emerging relationship between academic health centers and continuing care retirement communities. Hershey HG, et al. **Acad Med** 1990 Jun;65(6):414–6
Physicians' patient load per DRG, the consumption of hospital resources, and the incentives of the DRG prospective payment system. Munoz E, et al. **Acad Med** 1990 Aug;65(8):533–8
Physicians in organizations. Dilemma of the academic VA staff physician. Mirvis DM. **Arch Intern Med** 1990 Aug; 150(8):1621–3
Academic consequences of a trauma system failure. Fischer RP, et al. **J Trauma** 1990 Jul;30(7):784–90; discussion 790–1

ACADEMIES AND INSTITUTES

Research and ophthalmology in the UK [letter] **Lancet** 1990 Aug 4;336(8710):315

ACCIDENT PREVENTION

Tailored safety training for miners in small Pennsylvania surface coal mines [news] Passmore D, et al. **Am J Public Health** 1990 Sep;80(9):1134–5
Safety considerations in MR imaging. Kanal E, et al. **Radiology** 1990 Sep;176(3):593–606 (155 ref.)

ACCIDENTS

Accidental deactivation of the automatic implantable cardioverter defibrillator. Bonnet CA, et al. **Am Heart J** 1990 Sep;120(3):696–7
Fatal wheelchair-related accidents in the United States. Calder CJ, et al. **Am J Phys Med Rehabil** 1990 Aug; 69(4):184–90

ACCIDENTS, HOME

Chronic subdural hematoma. Another babywalker-stairs related injury. DiMario FJ Jr. **Clin Pediatr (Phila)** 1990 Jul;29(7):405–8

ACCIDENTS, OCCUPATIONAL

Recapping used needles: is it worse than the alternative? [letter] Jagger J, et al. **J Infect Dis** 1990 Sep;162(3):784–5

ACCIDENTS, TRAFFIC

Fatal and severe injury: scooter and moped crashes in California, 1985. Salatka M, et al. **Am J Public Health** 1990 Sep;80(9):1122–4
Death resulting from motor vehicle immersions: the nature of the injuries, personal and environmental contributing factors, and potential interventions. Wintemute GJ, et al. **Am J Public Health** 1990 Sep;80(9):1068–70
Anosmia and isolated ACTH deficiency following a road traffic accident. Case report. Scoble JE, et al. **J Neurosurg** 1990 Sep;73(3):453–4
Pediatric injuries in the back of pickup trucks. Agran PF, et al. **JAMA** 1990 Aug 8;264(6):712–6
Improving the sensitivity and specificity of the abbreviated injury scale coding system. Kramer CF, et al. **Public Health Rep** 1990 Jul–Aug;105(4):334–40

ACCREDITATION

Monitoring quality assurance in psychiatry [letter] Connell ML. **Am J Psychiatry** 1990 Aug;147(8):1100–1
Symposium. Certification and accreditation in orthopedic surgery. **Clin Orthop** 1990 Aug;(257):1–66
The relationship between residency programs and fellowships in the educational setting. Allen WC. **Clin Orthop** 1990 Aug;(257):57–60
The accreditation of graduate educational programs in orthopedic surgery. Wilson FC. **Clin Orthop** 1990 Aug; (257):18–21
Pastoral care. Otto RA. **J Nurs Adm** 1990 Jul–Aug;20(7–8):17
Allied health education and accreditation. Gupta GC, et al. **JAMA** 1990 Aug 15;264(7):843–8

ACETABULUM

Strength of initial mechanical fixation of screw ring acetabular components. Kody MH, et al. **Clin Orthop** 1990 Aug;(257):146–53
Primary migration of fully-threaded acetabular prostheses. A roentgen stereophotogrammetric analysis. Snorrason F, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):647–52
Movement of the femoral head after Salter osteotomy for acetabular dysplasia. Wong-Chung J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):563–7

ACETAMINOPHEN

Can acetaminophen excess result in maternal and fetal toxicity? Kurzel RB. **South Med J** 1990 Aug;83(8):953–5

ACETAZOLAMIDE

Altered taste secondary to acetazolamide therapy. Miller LG, et al. **J Fam Pract** 1990 Aug;31(2):199–200
Pseudoinsulinoma—the Diamox-Diabinese switch [letter] Hooper PL, et al. **N Engl J Med** 1990 Aug 16;323(7):488

ACETYLCHOLINE

Comparative sensitivity of intracoronary injection of acetylcholine for the induction of coronary spasm in patients with various types of angina pectoris. Miwa K, et al. **Am Heart J** 1990 Sep;120(3):544–50
Effects of aerosol administration of a thromboxane synthetase inhibitor (OKY-046) on bronchial responsiveness to acetylcholine in asthmatic subjects. Fujimura M, et al. **Chest** 1990 Aug;98(2):276–9

ACETYLCHOLINESTERASE

Subcellular distribution and characterization of acetylcholinesterase activities from sheep platelets: relationships between temperature-dependence and environment. Sánchez-Yagüe J, et al. **Blood** 1990 Aug 15; 76(4):737–44

ACETYLCYSTEINE

Hypernatremia associated with N-acetylcysteine therapy for meconium ileus in a premature infant. Langer JC, et al. **Can Med Assoc J** 1990 Aug 1;143(3):202–3

ACETYLMURAMYL-ALANYL-ISOGLUTAMINE

Bacteroides lipopolysaccharides (LPS) induce anaphylactoid and lethal reactions in LPS-responsive and -nonresponsive mice primed with muramyl dipeptide. Takada H, et al. **J Infect Dis** 1990 Aug;162(2):428–34

ACHIEVEMENT

Postbaccalaureate preparation and performance in medical school. Hojat M, et al. **Acad Med** 1990 Jun;65(6):388–91

ACHILLES TENDON

Achilles tendinitis in ballet dancers. Fernández-Palazzi F, et al. **Clin Orthop** 1990 Aug;(257):257–61

ACHONDROPLASIA

Craniocervical decompression for cervicomedullary compression in pediatric patients with achondroplasia. Aryanpur J, et al. **J Neurosurg** 1990 Sep;73(3):375–82

ACID PHOSPHATASE

Development of an immunoassay for human serum osteoclastic tartrate-resistant acid phosphatase. Kraenzlin ME, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):442–51
Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299–302

ACIDOSIS

Relationship of fetal biophysical profile and blood gas values at cordocentesis in severely growth-retarded fetuses. Ribbert LS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):569–71
Enhancement of hypoxic pulmonary vasoconstriction by metabolic acidosis in dogs. Lejeune P, et al. **Anesthesiology** 1990 Aug;73(2):256–64
Acute metabolic acidosis enhances circulating parathyroid hormone, which contributes to the renal response against acidosis in the rat. Bichara M, et al. **J Clin Invest** 1990 Aug;86(2):430–43
The functional rectal bladder—prevention of hyperchloremic acidosis following vesico-sigmoidostomy in dogs. Miller K, et al. **J Urol** 1990 Aug;144(2 Pt 1):375–80
Intrapartum asphyxia in pregnancies complicated by intra-amniotic infection. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):351–4

ACIDOSIS, DIABETIC

Diabetic ketoacidosis and insulin resistance with subcutaneous terbutaline infusion: a case report. Tibaldi JM, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):509–10
Death from diabetic ketoacidosis after cessation of octreotide in acromegaly [letter] Abrahamson MJ. **Lancet** 1990 Aug 4;336(8710):318–9

ACIDOSIS, LACTIC

Lactic acidosis [letter] **Ann Intern Med** 1990 Aug 1; 113(3):254–6

ACIDOSIS, RENAL TUBULAR

Self-limited neonatal familial hyperparathyroidism associated with hypercalciuria and renal tubular acidosis in three siblings. Nishiyama S, et al. **Pediatrics** 1990 Sep;86(3):421–7

ACIDS

Cerebral palsy and intrapartum fetal acidemia [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):266–7
Quantitative relation between gastric acid secretion and changes in urinary acid excretion. Johnson CD, et al. **Gut** 1990 Aug;31(8):862–6
Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps. Swallow CJ, et al. **Surgery** 1990 Aug;108(2):363–8; discussion 368–9

ACNE

Ketoconazole therapy for women with acne and/or hirsutism. Venturoli S, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):335–9

ACQUIRED IMMUNODEFICIENCY SYNDROME

Zidovudine for the treatment of HIV infection. Pepe R, et al. **Am Fam Physician** 1990 Aug;42(2):437–43 (33 ref.)
Successful therapy for Toxoplasma gondii myocarditis in acquired immunodeficiency syndrome. Grange F, et al. **Am Heart J** 1990 Aug;120(2):443–4
Rostral basilar reversible ischemic neurologic deficit in an HIV-infected patient with cryptococcal meningitis [letter] Rafal RD, et al. **Am J Med** 1990 Aug;89(2):248–9
The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Minkoff HL, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):521–6
HIV-1 infection and virus production in follicular dendritic cells in lymph nodes. A case report, with analysis of isolated follicular dendritic cells. Parmentier HK, et al. **Am J Pathol** 1990 Aug;137(2):247–51
Impact of the human immunodeficiency virus epidemic on mortality trends in young men, United States. Buehler JW, et al. **Am J Public Health** 1990 Sep;80(9):1080–6
Premarital screening for antibodies to human immunodeficiency virus type 1 in the United States. The Premarital Screening Study Group. Petersen LR, et al. **Am J Public Health** 1990 Sep;80(9):1087–90
Cytotoxic events taking place in the lung of patients with HIV-1 infection. Evidence of an intrinsic defect of the major histocompatibility complex-unrestricted killing partially restored by the incubation with rIL-2. Agostini C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):516–22
Dodging droplet nuclei. Reducing the probability of nosocomial tuberculosis transmission in the AIDS era [editorial] Nardell EA. **Am Rev Respir Dis** 1990 Sep; 142(3):501–3
Emergency medicine education and the HIV epidemic [editorial] Binder LS. **Ann Emerg Med** 1990 Jul;19(7):830–1
AIDS education in the emergency department. Magid D, et al. **Ann Emerg Med** 1990 Jul;19(7):758–63
Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Chiu J, et al. **Ann Intern Med** 1990 Sep 1; 113(5):358–61
Intravenous or inhaled pentamidine for treating Pneumocystis carinii pneumonia in AIDS. A randomized trial. Conte JE Jr, et al. **Ann Intern Med** 1990 Aug 1;113(3):203–9
AIDS, nutrition, and infection [letter] Kendler BS. **Ann Intern Med** 1990 Sep 1;113(5):409–10
Small intestinal injury and parasitic diseases in AIDS. Kotler DP, et al. **Ann Intern Med** 1990 Sep 15;113(6):444–9
Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183–7
Development of non-Hodgkin lymphoma in a cohort of patients with severe human immunodeficiency virus (HIV) infection on long-term antiretroviral therapy. Pluda JM, et al. **Ann Intern Med** 1990 Aug 15;113(4):276–82

Inhaled or intravenous pentamidine therapy for Pneumocystis carinii pneumonia in AIDS. A randomized trial. Soo Hoo GW, et al. **Ann Intern Med** 1990 Aug 1;113(3):195–202
Esophageal perforation in a patient with acquired immunodeficiency syndrome. Adkins MS, et al. **Ann Thorac Surg** 1990 Aug;50(2):299–300
Risks of blood exposure to the cardiac surgical team. Pate JW. **Ann Thorac Surg** 1990 Aug;50(2):248–50
Chronic localized herpes zoster in the acquired immunodeficiency syndrome [letter] [see comments] Disler RS, et al. **Arch Dermatol** 1990 Aug;126(8):1105–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Prolonged cutaneous herpes zoster in acquired immunodeficiency syndrome [see comments] Hoppenjans WB, et al. **Arch Dermatol** 1990 Aug;126(8):1048–50. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Infection with human immunodeficiency virus and vulnerability to psychiatric distress. A study of men with hemophilia. Dew MA, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):737–44
Perisinusoidal cell hypertrophy in a patient with acquired immunodeficiency syndrome. Kossaifi T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):876–9
Cumulative positivity rates of multiple blood cultures for Mycobacterium avium-intracellulare and Cryptococcus neoformans in patients with the acquired immunodeficiency syndrome. Yagupsky P, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):923–5
Progressive resistance exercise: effect on muscle function and anthropometry of a select AIDS population. Spence DW, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):644–8
Subcutaneous recombinant granulocyte-macrophage colony-stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Pluda JM, et al. **Blood** 1990 Aug 1;76(3):463–72
Impact of AIDS on surgery [news] MacGowan WA. **Br J Surg** 1990 Jul;77(7):748
AIDS threat leads to changes in production of gloves, needles [news] **Can Med Assoc J** 1990 Aug 1;143(3):204
HIV needs no visa, MD warns [news] **Can Med Assoc J** 1990 Aug 15;143(4):303
Canada's national AIDS strategy neglects role of physicians [editorial] Berger P. **Can Med Assoc J** 1990 Aug 15; 143(4):309–11
Fighting AIDS in francophone African countries [letter] Boyd N. **Can Med Assoc J** 1990 Aug 15;143(4):257–8
Clinical trials for patients with AIDS or HIV infection [letter] Mackie ID. **Can Med Assoc J** 1990 Aug 1;143(3):173–4
Policy protests, scientific spats take centre stage at Sixth International AIDS Conference. Orkin A. **Can Med Assoc J** 1990 Aug 15;143(4):312–5
Kaposi's sarcoma in patients with acquired immune deficiency syndrome. A flow cytometric DNA analysis of 26 lesions in 21 patients. Fukunaga M, et al. **Cancer** 1990 Aug 15;66(4):758–64
Composite Hodgkin's and non-Hodgkin's lymphoma in a patient with acquired immune deficiency syndrome. In-situ demonstration of Epstein-Barr virus. Guarner J, et al. **Cancer** 1990 Aug 15;66(4):796–800
Hodgkin's disease after non-Hodgkin's malignant lymphoma in acquired immune deficiency syndrome. Senaldi E, et al. **Cancer** 1990 Sep 1;66(5):960–4
Bronchoalveolar lavage in sarcoidosis and HIV infection [letter] **Chest** 1990 Aug;98(2):517–8
Recurrent pneumothorax in AIDS patients with Pneumocystis pneumonia. A clinicopathologic report of three cases and review of the literature. Beers MF, et al. **Chest** 1990 Aug;98(2):266–70 (30 ref.)
The radiographic appearance of pulmonary nocardiosis associated with AIDS. Kramer MR, et al. **Chest** 1990 Aug; 98(2):382–5
Investigation of seemingly pathogen-negative diarrhoea in patients infected with HIV1. Connolly GM, et al. **Gut** 1990 Aug;31(8):886–9
Possible torsade in a patient with AIDS. Hancock EW. **Hosp Pract [Off]** 1990 Jul 15;25(7):132–4
Legal questions remain in AIDS segregation cases. Hudson T. **Hospitals** 1990 Aug 20;64(16):59–60
CEOs: politics hurts long-term medical research. Johnsson J. **Hospitals** 1990 Aug 20;64(16):22
Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. Sethi KK. **J Clin Pathol** 1990 Jul;43(7):584–6
Plasma fibronectin concentrations in patients with human immunodeficiency virus infection. Torre D, et al. **J Clin Pathol** 1990 Jul;43(7):560–2
Altered sensitivity to antiviral drugs of herpes simplex virus isolates from a patient with the acquired immunodeficiency syndrome. Birch CJ, et al. **J Infect Dis** 1990 Sep; 162(3):731–4
When the doctor has AIDS. Gramelspacher GP, et al. **J Infect Dis** 1990 Aug;162(2):534–7
Contrasting prevalence of delta hepatitis markers in parenteral drug abusers with and without AIDS. Kreek MJ, et al. **J Infect Dis** 1990 Aug;162(2):538–41
Azoles and AIDS. Larsen RA. **J Infect Dis** 1990 Sep; 162(3):727–30 (31 ref.)
Candida albicans in patients with the acquired immunodeficiency syndrome: absence of a novel of hypervirulent strain. Whelan WL, et al. **J Infect Dis** 1990 Aug;162(2):513–8
Lack of effect of lithium carbonate on zidovudine-associated neutropenia in patients with AIDS [letter] Worthington M. **J Infect Dis** 1990 Sep;162(3):77–8
Services for persons with AIDS. Nurse executives report. Sowell RL, et al. **J Nurs Adm** 1990 Jul-Aug;20(7-8):44–8
Respiratory syncytial virus infection in human immunodeficiency virus-infected children. Chandwani S, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):251–4
Interpretation of western blots of specimens from children infected with human immunodeficiency virus type 1: implications for prognosis and diagnosis. Walter EB, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):255–8
From the Centers for Disease Control. Possible transmission of human immunodeficiency virus to a patient during an invasive dental procedure. **JAMA** 1990 Sep 5;264(9):1092–3
AIDS projections: how Farr out? [letter] Artzrouni M. **JAMA** 1990 Sep 5;264(9):1103–4
Scientifically astute activists seek common ground with clinicians on testing new AIDS drugs [news] Cotton P. **JAMA** 1990 Aug 8;264(6):666, 669–70, 673
Science ponders whether HIV acts alone or has another microbe's aid [news] Goldsmith MF. **JAMA** 1990 Aug 8; 264(6):665–6
The 'Medicaidization' of AIDS. Trends in the financing of HIV-related medical care [see comments] Green J, et al. **JAMA** 1990 Sep 12;264(10):1261–6. Comment in: JAMA 1990 Sep 12;264(10):1294–5.
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Sep 12;264(10):1239
Did HIV and HTLV originate in Africa? [letter] Tabor E, et al. **JAMA** 1990 Aug 8;264(6):691–2
More international perspectives on HIV [news] **Lancet** 1990 Aug 4;336(8710):304–5
Haemophilic AIDS patient loses claim in Australia [news] Brahams D. **Lancet** 1990 Jul 28;336(8709):238–9
Current and future dimensions of the HIV/AIDS pandemic in women and children. Chin J. **Lancet** 1990 Jul 28; 336(8709):221–4
Mycoplasma and AIDS [letter] Chowdhury MI, et al. **Lancet** 1990 Jul 28;336(8709):247–8
False-positive autoantibodies in HIV infection [letter] Davenport A, et al. **Lancet** 1990 Aug 4;336(8710):317–8
Life-threatening bacteraemia in HIV-1 seropositive adults admitted to hospital in Nairobi, Kenya. Gilks CF, et al. **Lancet** 1990 Sep 1;336(8714):545–9
Rapid progression to AIDS in dual HIV-1/HTLV-I infection [letter] Lefrère JJ, et al. **Lancet** 1990 Aug 25; 336(8713):509
Outbreaks of drug-resistant tuberculosis at AIDS centre [letter] Pitchenik AE, et al. **Lancet** 1990 Aug 18; 336(8712):440–1
Risk of non-Hodgkin lymphoma and Kaposi's sarcoma in homosexual men [letter] Rabkin CS, et al. **Lancet** 1990 Jul 28;336(8709):248–9
Tracking AIDS epidemic in libraries [letter] Vandenbroucke JP. **Lancet** 1990 Aug 4;336(8710):318
Isolation of "Mycoplasma incognitus" [letter] van der Riet F. **Lancet** 1990 Jul 28;336(8709):247
Long-term toxicity/activity profile of 2',3'-dideoxyinosine in AIDS or AIDS-related complex. Yarchoan R, et al. **Lancet** 1990 Sep 1;336(8714):526–9
HIV infection and AIDS during adolescence. Kipke MD, et al. **Med Clin North Am** 1990 Sep;74(5):1149–67 (70 ref.)
Histoplasma capsulatum infections of the central nervous system. A clinical review. Wheat LJ, et al. **Medicine (Baltimore)** 1990 Jul;69(4):244–60 (86 ref.)
Acquired immunodeficiency syndrome and Pneumocystis carinii infection in a pregnant woman. Hicks ML, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):480–1
Underreporting of minority AIDS deaths in San Francisco Bay area, 1985–86. Lindan CP, et al. **Public Health Rep** 1990 Jul-Aug;105(4):400–4
Pneumococcal bacteremia as a marker for human immunodeficiency virus infection in patients without AIDS. Chirurgi VA, et al. **South Med J** 1990 Aug; 83(8):895–9
Imipenem resistance in a case of AIDS with relapsing Pseudomonas meningitis. Eng RH, et al. **South Med J** 1990 Aug;83(8):979–80
Medical ignorance, AIDS-Kaposi's sarcoma complex, and the lymphatic system [see comments] Witte MH, et al. **West J Med** 1990 Jul;153(1):17–23. Comment in: West J Med 1990 Jul;153(1):76–7.

ACRIDINE ORANGE

Acridine orange flow cytometric analysis of renal cell carcinoma. Clinicopathologic implications of RNA content. el-Naggar AK, et al. **Am J Pathol** 1990 Aug; 137(2):275–80

ACROCEPHALOSYNDACTYLIA

Obstructive sleep apnea in Apert's and Pfeiffer's syndromes: more than a craniofacial abnormality. Mixter RC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):457–63

ACROMEGALY

Acromegaly first diagnosed in pregnancy: the role of bromocriptine therapy. Yap AS, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):477–8
Acromegaly and radial artery cannulation [letter] Losasso T, et al. **Anesth Analg** 1990 Aug;71(2):204
Thyroxine 5'-deiodinase in human anterior pituitary tumors. Itagaki Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):340–4
Long term effect of incremental doses of the somatostatin analog SMS 201-995 in 58 acromegalic patients. French SMS 201-995 approximately equal to Acromegaly Study Group. Sassolas G, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):391–7
Death from diabetic ketoacidosis after cessation of octreotide in acromegaly [letter] Abrahamson MJ. **Lancet** 1990 Aug 4;336(8710):318–9
Radiotherapy for acromegaly [letter] Dowsett RJ, et al. **N Engl J Med** 1990 Aug 30;323(9):612–3

ACROMIOCLAVICULAR JOINT

Compression of the anterior interosseous nerve after use of a sling for dislocation of the acromioclavicular joint. A report of two cases. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1100–2

ACRYLATES

Effects of aerosol administration of a thromboxane synthetase inhibitor (OKY-046) on bronchial responsiveness to acetylcholine in asthmatic subjects. Fujimura M, et al. **Chest** 1990 Aug;98(2):276–9

ACUPUNCTURE

Acupuncture anaesthesia. Observations on its use for removal of thyroid adenomata and influence on recovery and morbidity in a Chinese hospital. Kho HG, et al. **Anaesthesia** 1990 Jun;45(6):480–5

ACUTE PHASE PROTEINS

Value of serum acute-phase reactant proteins and carcinoembryonic antigen in the preoperative staging of colorectal cancer. A multivariate analysis. Stamatiadis AP, et al. **Cancer** 1990 May 1;65(9):2055–7

ACYCLOVIR

Altered sensitivity to antiviral drugs of herpes simplex virus isolates from a patient with the acquired immunodeficiency syndrome. Birch CJ, et al. **J Infect Dis** 1990 Sep; 162(3):731–4

ACYLTRANSFERASES

Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705–10

ADAPTATION, PHYSIOLOGICAL

Effect of defunction on cytokinetics and cancer at colonic suture lines. Appleton GV, et al. **Br J Surg** 1990 Jul; 77(7):768–72
Adaptative changes of metabolic zonation during the development of cirrhosis in growing rats. Sokal EM, et al. **Gastroenterology** 1990 Sep;99(3):785–92
Ileal glucagon gene expression: ontogeny and response to massive small bowel resection. Taylor RG, et al. **Gastroenterology** 1990 Sep;99(3):724–9
Systemic factors and luminal contents in gut adaptation [letter] Banerjee AK. **Gut** 1990 Aug;31(8):959
Adaptive cytoprotection of gastric surface epithelial cells against injury by physiologic concentrations of bile acid. Dempsey DT, et al. **Surgery** 1990 Aug;108(2):348–54; discussion 354–5

ADAPTATION, PSYCHOLOGICAL

A structured psychiatric intervention for cancer patients. I. Changes over time in methods of coping and affective disturbance. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):720–5
Avoidant coping predicts psychological disturbance in the elderly. Smith LW, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):525–30

ADENOCARCINOMA

Elevated concentration of soluble interleukin-2 receptors in serum of smokers and patients with lung cancer. Correlation with clinical activity. Ginns LC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):398–402
Poorly differentiated ('insular') thyroid carcinoma. Report of two cases and review of the literature. Killeen RM, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1082–6 (16 ref.)
Intra-arterial floxuridine vs systemic fluorouracil for hepatic metastases from colorectal cancer. A randomized trial. Martin JK Jr, et al. **Arch Surg** 1990 Aug;125(8):1022–7
Tamoxifen therapy in unresectable adenocarcinoma of the pancreas and the papilla of Vater. Bakkevold KE, et al.

Br J Surg 1990 Jul;77(7):725–30
Abdominocervical (transhiatal) oesophagectomy in the management of oesophageal carcinoma. Gotley DC, et al. **Br J Surg** 1990 Jul;77(7):815–9
High versus low ligation of the inferior mesenteric artery in rectal cancer. Surtees P, et al. **Br J Surg** 1990 Jun; 77(6):618–21
Histocompatibility antigen expression in pulmonary carcinomas as indication of differentiation and of special subtypes. Dämmrich J, et al. **Cancer** 1990 May 1; 65(9):1942–54
DNA content in prostatic adenocarcinoma. A flow cytometry study of the predictive value of aneuploidy for tumor volume, percentage Gleason grade 4 and 5, and lymph node metastases. Jones EC, et al. **Cancer** 1990 Aug 15;66(4):752–7
Phenotypic variation in colorectal adenoma/cancer expression in two families. Hereditary flat adenoma syndrome. Lynch HT, et al. **Cancer** 1990 Sep 1;66(5):909–15
Ovarian tumors with functioning stroma. An immunohistochemical study of 100 cases with human chorionic gonadotropin monoclonal and polyclonal antibodies. Matias-Guiu X, et al. **Cancer** 1990 May 1; 65(9):2001–5
The use of biomarkers in the prediction of survival in patients with pulmonary carcinoma. Walop W, et al. **Cancer** 1990 May 1;65(9):2033–46
Carcinosarcoma of the prostate in combination with adenocarcinoma of the prostate and adenocarcinoma of the seminal vesicles. A case report with immunocytochemical analysis and review of the literature. Zenklusen HR, et al. **Cancer** 1990 Sep 1;66(5):998–1001 (12 ref.)
Cytologic diagnosis in bronchoalveolar lavage specimens. A diagnostic technique for lung neoplasmas with a peripheral location [letter] Bellmunt J, et al. **Chest** 1990 Aug; 98(2):513–4
Cholangiographic appearance simulating sclerosing cholangitis in metastatic adenocarcinoma of the liver. Vilgrain V, et al. **Gastroenterology** 1990 Sep;99(3):850–3
Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. van Klaveren RJ, et al. **Gut** 1990 Aug;31(8):953–5
Sialic acid histochemistry and the adenoma-carcinoma sequence in colorectum. Agawa S, et al. **J Clin Pathol** 1990 Jul;43(7):527–32
Adenoacanthoma of the endometrium: morphological changes induced by human papillomavirus. Kealy WF, et al. **J Clin Pathol** 1990 Jul;43(7):554–9
Primary adenocarcinoma of the jejunum and ileum: clinicopathological review of 25 cases. Lioe TF, et al. **J Clin Pathol** 1990 Jul;43(7):533–6
Salivary duct adenocarcinoma [letter] Lopez II, et al. **J Clin Pathol** 1990 Jul;43(7):608
Significant postoperative hemorrhage following biopsy of a prostate tumor metastatic to the mandibular condyle: report of a case. Catrambone RJ, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):858–61
Adenocarcinoma of the prostate discovered in 2 young patients following total prostatovesiculectomy for refractory prostatitis. Davis BE, et al. **J Urol** 1990 Sep; 144(3):744–5
Current status of tumor of the bowel following ureterosigmoidostomy: a review. Husmann DA, et al. **J Urol** 1990 Sep;144(3):607–10 (28 ref.)
Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. Nativ O, et al. **J Urol** 1990 Aug;144(2 Pt 1):303–6
Effects of a new bisphosphonate (AHBuBP) on osteolysis induced by human prostate cancer cells in nude mice. Nemoto R, et al. **J Urol** 1990 Sep;144(3):770–4
Breast carcinoma metastatic to the uvea. Catalano RA, et al. **JAMA** 1990 Aug 22–29;264(8):1032
Prostate-specific antigen testing in untreated and treated prostatic adenocarcinoma. Rainwater LM, et al. **Mayo Clin Proc** 1990 Aug;65(8):1118–26 (56 ref.)
K-ras oncogene activation as a prognostic marker in adenocarcinoma of the lung. Slebos RJ, et al. **N Engl J Med** 1990 Aug 30;323(9):561–5
Late recurrence of clear-cell adenocarcinoma of the cervix: case report. Burks RT, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):525–7
Primary adenocarcinoma of the breast arising in the vulva. Rose PG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):537–9 (8 ref.)
Cellular fibroma masquerading as ovarian carcinoma. Walker JL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):530–1
Preoperative staging of rectal carcinoma with MR imaging: surgical and histopathologic correlation. [see comments] de Lange EE, et al. **Radiology** 1990 Sep;176(3):623–8. Comment in: Radiology 1990 Sep;176(3):617–9.
Human Kupffer cells are cytotoxic against human colon adenocarcinoma. Roh MS, et al. **Surgery** 1990 Aug; 108(2):400–4; discussion 404–5
Sucrase-isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas. Wiltz O, et al. **Surgery** 1990 Aug;108(2):269–75; discussion 275–6

ADENOCARCINOMA, PAPILLARY

Scleroderma and ovarian carcinoma [letter] Young R, et al. **Br J Rheumatol** 1990 Aug;29(4):314

ADENOFIBROMA

Use of thermography in the differential diagnosis of phylloides tumour. Pierart J, et al. **Br J Surg** 1990 Jul; 77(7):783–4

ADENOIDECTOMY

A randomised controlled trial of surgery for glue ear. Black NA, et al. **BMJ** 1990 Jun 16;300(6739):1551–6

ADENOMA

Acromegaly first diagnosed in pregnancy: the role of bromocriptine therapy. Yap AS, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):477–8
Analysis of endocrine active and clinically silent corticotropic adenomas by in situ hybridization. Lloyd RV, et al. **Am J Pathol** 1990 Aug;137(2):479–88
Acupuncture anaesthesia. Observations on its use for removal of thyroid adenomata and influence on recovery and morbidity in a Chinese hospital. Kho HG, et al. **Anaesthesia** 1990 Jun;45(6):480–5
Asymptomatic pituitary adenomas [letter] Gandola C. **Ann Intern Med** 1990 Sep 15;113(6):482
Non-Warthin's tumor oncocytic lesions. Hartwick RW, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):674–7 (26 ref.)
Electron microscopic findings in benign deoxycorticosterone and 11-deoxycortisol-producing adrenal tumor. Osanai T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):829–31
Duodenal villous tumors. Bjork KJ, et al. **Arch Surg** 1990 Aug;125(8):961–5
Unilateral neck exploration for primary hyperparathyroidism. Lucas RJ, et al. **Arch Surg** 1990 Aug;125(8):982–4; discussion 984–5
Phenotypic variation in colorectal adenoma/cancer expression in two families. Hereditary flat adenoma syndrome. Lynch HT, et al. **Cancer** 1990 Sep 1;66(5):909–15
Investigations on the significance of the adenoma-carcinoma sequence in the small bowel. Sellner F. **Cancer** 1990 Aug 15;66(4):702–15 (272 ref.)
Genetic abnormalities in sporadic parathyroid adenomas. Friedman E, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):293–7
Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480–6
Sialic acid histochemistry and the adenoma-carcinoma sequence in colorectum. Agawa S, et al. **J Clin Pathol** 1990 Jul;43(7):527–32
Adrenal adenoma with excess secretion of corticosterone and 18-hydroxycorticosterone. Morioka M, et al. **J Urol** 1990 Sep;144(3):731–2
Oxyphilic (Hürthle cell) adenoma arising in a black thyroid gland. Faddis DM, et al. **South Med J** 1990 Aug;83(8):976–8 (10 ref.)

ADENOSINE

Sinefungin as treatment for American Leishmania in sensitive BALB/c and resistant C57BL/6 mice. Avila JL, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):139–45
Combined adenosine and lidocaine administration limits myocardial reperfusion injury. Homeister JW, et al. **Circulation** 1990 Aug;82(2):595–608
The effects of adenosine on chest pain and coronary dilation [letter] Sylvén C, et al. **Circulation** 1990 Aug;82(2):662–3
Adenosine and related compounds counteract tumor necrosis factor-alpha inhibition of neutrophil migration: implication of a novel cyclic AMP-independent action on the cell surface. Sullivan GW, et al. **J Immunol** 1990 Sep 1; 145(5):1537–44

ADENOSINE CYCLIC MONOPHOSPHATE

Interplay between inotropic and lusitropic effects of cyclic adenosine monophosphate on the myocardial cell. Katz AM. **Circulation** 1990 Aug;82(2 Suppl):I7–11 (33 ref.)
A comparison of the effects of divalent and trivalent cations on parathyroid hormone release, 3',5'-cyclic-adenosine monophosphate accumulation, and the levels of inositol phosphates in bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1990 Sep;127(3):1064–71
Prompt inhibition of arginine vasopressin-induced cellular adenosine 3',5'-monophosphate production by extracellular sodium depletion in rat renal inner medullary collecting duct cells in culture. Ishikawa SE, et al. **Endocrinology** 1990 Aug;127(2):560–6
Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Kung AW, et al. **Endocrinology** 1990 Sep;127(3):1369–74
Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Van LP, et al. **Endocrinology** 1990 Sep;127(3):1412–8
Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. Nakhla AM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):398–404
cAMP regulation of IL-2 receptor expression. Selective modulation of the p75 subunit. Johnson KW, et al. **J Immunol** 1990 Aug 15;145(4):1144–51
Agents that elevate cAMP stimulate DNA fragmentation in thymocytes. McConkey DJ, et al. **J Immunol** 1990 Aug 15;145(4):1227–30
IL-1 binds to high affinity receptors on human osteosarcoma cells and potentiates prostaglandin E2 stimulation of cAMP production. Rodan SB, et al. **J Immunol** 1990 Aug 15; 145(4):1231–7

ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM

Effect of endogenous digoxin-like substances on the interpretation of high concentrations of digoxin in children. Stone J, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):321–5

ADENOSINE TRIPHOSPHATE

Responses of mouse lymphocytes to extracellular ATP. II. Extracellular ATP causes cell type-dependent lysis and DNA fragmentation. Zanovello P, et al. **J Immunol** 1990 Sep 1;145(5):1545–50

ADENOVIRUS INFECTIONS

Localization of inflammation and virions in canine adenovirus type 2 bronchiolitis. Grad R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):691–9

ADENOVIRUSES, HUMAN

Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Mantzaris GJ, et al. **Gut** 1990 Jun;31(6):668–73
Enzyme linked immunosorbent assay for detecting adenoviruses in stool specimens: comparison with electron microscopy and isolation. Martin AL, et al. **J Clin Pathol** 1990 Jun;43(6):514–5

ADENYL CYCLASE

Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949–56
Alterations in adipocyte adenylate cyclase activity in morbidly obese and formerly morbidly obese humans. Martin LF, et al. **Surgery** 1990 Aug;108(2):228–34; discussion 234–5

ADIPOSE TISSUE

Cervical prevertebral fat stripe: a normal variant simulating prevertebral hemorrhage. Lewis CA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):559–60
Dietary polyunsaturated fatty acids enhance the uptake of high-density lipoprotein cholesterol ester by rat adipocytes. Zsigmond E, et al. **Am J Clin Nutr** 1990 Aug;52(2):289–99
Complete adipose differentiation of 3T3 L1 cells in a chemically defined medium: comparison to serum-containing culture conditions. Hauner H. **Endocrinology** 1990 Aug;127(2):865–72
Glucagon inhibits insulin activation of glucose transport in rat adipocytes mainly through a postbinding process. Sato N, et al. **Endocrinology** 1990 Sep;127(3):1072–7
Photoperiodic control of adipocyte alpha 2-adrenoceptors in Syrian hamsters: role of testosterone. Saulnier-Blache JS, et al. **Endocrinology** 1990 Sep;127(3):1245–53
Growth hormone receptors are up-regulated in diabetic adipocytes. Solomon SS, et al. **Endocrinology** 1990 Sep; 127(3):1544–6
Alterations in adipocyte adenylate cyclase activity in morbidly obese and formerly morbidly obese humans. Martin LF, et al. **Surgery** 1990 Aug;108(2):228–34; discussion 234–5

ADJUSTMENT DISORDERS

Maladaptive denial of physical illness: a proposal for DSM-IV. Strauss DH, et al. **Am J Psychiatry** 1990 Sep; 147(9):1168–72

ADJUVANTS, IMMUNOLOGIC

Radioprotective effects of the immunomodulator AS101. Kalechman Y, et al. **J Immunol** 1990 Sep 1;145(5):1512–7

ADMINISTRATIVE PERSONNEL

The management component of our profession. Dowling R, et al. **J Am Diet Assoc** 1990 Aug;90(8):1065–6
JONA's Semiannual Directory of Consultants to Nursing Administration. **J Nurs Adm** 1990 Jul-Aug;20(7-8):53–104
Human development renaissance [editorial] Blancett SS. **J Nurs Adm** 1990 Jul-Aug;20(7-8):4–5
Strengthening hospital nursing. How to use problem-solving teams effectively. Dailey RC. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):24–9

Strategic decision making. Nagelkerk JM, et al. **J Nurs Adm** 1990 Jul-Aug;20(7-8):18-23
Services for persons with AIDS. Nurse executives report. Sowell RL, et al. **J Nurs Adm** 1990 Jul-Aug;20(7-8):44-8
The committee meeting alternative. Using the Delphi technique. Whitman NI. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):30-6
Executive seduction. Wolf GA. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):10-1

ADNEXA UTERI

Papillary cystadenoma of the broad ligament in von Hippel-Lindau disease. Korn WT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):596-8

ADNEXAL DISEASES

Adnexal torsion in menotropin-induced pregnancies. Kemmann E, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):403-6

ADNEXITIS

Clindamycin dosage scheduling for acute pelvic infection [letter] Chatwani A, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):240
Pelvic inflammatory disease [letter] **BMJ** 1990 May 26; 300(6736):1400
Preventing IUCD-related pelvic infection: the efficacy of prophylactic doxycycline at insertion. Sinei SK, et al. **Br J Obstet Gynaecol** 1990 May;97(5):412-9
The role of Neisseria gonorrhoeae and Chlamydia trachomatis in pelvic inflammatory disease and its sequelae in Zimbabwe. De Muylder X, et al. **J Infect Dis** 1990 Aug; 162(2):501-5

ADOLESCENCE

Adolescent medicine. **Med Clin North Am** 1990 Sep; 74(5):1085-338
Treating adolescents. Legal and ethical considerations. English A. **Med Clin North Am** 1990 Sep;74(5):1097-112 (104 ref.)
Adolescent chemical dependency. Farrow JA. **Med Clin North Am** 1990 Sep;74(5):1265-74 (29 ref.)
Contraception in the adolescent. Preparation for the 1990s. Greydanus DE, et al. **Med Clin North Am** 1990 Sep; 74(5):1205-24 (50 ref.)
Adolescent suicide. Low BP, et al. **Med Clin North Am** 1990 Sep;74(5):1251-64 (75 ref.)
Approach to the adolescent in the clinical setting. MacKenzie RG. **Med Clin North Am** 1990 Sep;74(5):1085-95 (9 ref.)
Fundamental issues in the care of homosexual youth. Remafedi G. **Med Clin North Am** 1990 Sep;74(5):1169-79 (47 ref.)
Adolescent wellness. Facilitating compliance in social morbidities. Rickert VI, et al. **Med Clin North Am** 1990 Sep;74(5):1135-48 (96 ref.)

ADOLESCENT BEHAVIOR

Psychosomatic symptoms in adolescence. Smith MS. **Med Clin North Am** 1990 Sep;74(5):1121-34 (77 ref.)

ADOLESCENT MEDICINE

Life beyond pediatrics. Transition of chronically ill adolescents from pediatric to adult health care systems. Schidlow DV, et al. **Med Clin North Am** 1990 Sep; 74(5):1113-20 (13 ref.)

ADOLESCENT PSYCHOLOGY

Weight and dieting concerns in adolescents, fashion or symptom? Casper RC, et al. **Pediatrics** 1990 Sep; 86(3):384-90

ADRENAL CORTEX

Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900-6
The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114-20
The effect of oxygen on aldosterone release from bovine adrenocortical cells in vitro: PO2 versus steroidogenesis. Raff H, et al. **Endocrinology** 1990 Aug;127(2):682-7
Adrenalectomy in the neonate: adult-like adrenocortical system responses to both removal and replacement of corticosterone. Walker CD, et al. **Endocrinology** 1990 Aug; 127(2):832-42

ADRENAL CORTEX HORMONES

Do corticosteroids reduce mortality from alcoholic hepatitis? A meta-analysis of the randomized trials. Imperiale TF, et al. **Ann Intern Med** 1990 Aug 15;113(4):299-307
Acroatrophy secondary to long-standing applications of topical steroids. Requena L, et al. **Arch Dermatol** 1990 Aug; 126(8):1013-4
Skin reactivity to codeine and histamine during prolonged corticosteroid therapy. Olson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):153-9
Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305-10

ADRENAL CORTEX NEOPLASMS

Lipid degeneration in a pheochromocytoma histologically mimicking an adrenal cortical tumor. Unger PD, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):892-4
Suramin in adrenal cancer: modulation of steroid hormone production, cytotoxicity in vitro, and clinical antitumor effect. La Rocca RV, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):497-504
Adrenal adenoma with excess secretion of corticosterone and 18-hydroxycorticosterone. Morioka M, et al. **J Urol** 1990 Sep;144(3):731-2
Mitotane therapy of adrenocortical carcinoma [letter] Haak HR, et al. **N Engl J Med** 1990 Sep 13;323(11):758

ADRENAL GLAND NEOPLASMS

Renal tissue within the adrenal gland simulating an adrenal mass [letter] Barr RG, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):656
Non-Hodgkin's lymphoma of the adrenal gland. Choi CH, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):883-5 (14 ref.)
Electron microscopic findings in benign deoxycorticosterone and 11-deoxycortisol-producing adrenal tumor. Osanai T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):829-31
Current diagnosis and treatment of pheochromocytoma in children. Experience with 22 consecutive tumors in 14 patients. Caty MG, et al. **Arch Surg** 1990 Aug;125(8):978-81

ADRENAL GLANDS

Immunodetectable cytochromes P450 I, II, and III in guinea pig adrenal—hormone responsiveness and relationship to capacity for xenobiotic metabolism. Black VH. **Endocrinology** 1990 Sep;127(3):1153-9
Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Dupont E, et al. **Endocrinology** 1990 Sep;127(3):1394-403

ADRENAL MEDULLA

Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900-6
NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. Kordower JH, et al. **J Neurosurg** 1990 Sep;73(3):418-28

ADRENALECTOMY

Corticosterone, but not glucose, treatment enables fasted adrenalectomized rats to survive moderate hemorrhage. Darlington DN, et al. **Endocrinology** 1990 Aug; 127(2):766-72
Fed, but not fasted, adrenalectomized rats survive the stress of hemorrhage and hypovolemia. Darlington DN, et al. **Endocrinology** 1990 Aug;127(2):759-65
Adrenalectomy in the neonate: adult-like adrenocortical system responses to both removal and replacement of corticosterone. Walker CD, et al. **Endocrinology** 1990 Aug; 127(2):832-42
Neuroendocrine sources of chromogranin-A in normal man: clues from selective stimulation of endocrine glands. Takiyyuddin MA, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):360-9

ADRENERGIC ALPHA RECEPTOR AGONISTS

Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Karlsson BR, et al. **Anesth Analg** 1990 Aug;71(2):125-9
Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. **Anesthesiology** 1990 Aug;73(2):230-5
Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Doze VA, et al. **Anesthesiology** 1990 Aug; 73(2):304-7

ADRENERGIC ALPHA RECEPTOR BLOCKADERS

Systemic and regional hemodynamic effects of alpha-adrenoceptor blockade in chronic left ventricular dysfunction in the conscious dog. Carlyle PF, et al. **Am Heart J** 1990 Sep;120(3):619-24
Alpha-adrenergic blockers for the treatment of benign prostatic hyperplasia. Caine M. **Urol Clin North Am** 1990 Aug;17(3):641-9 (54 ref.)
Role of long-acting selective alpha-1 blockers in the treatment of benign prostatic hyperplasia. Lepor H. **Urol Clin North Am** 1990 Aug;17(3):651-9 (44 ref.)

ADRENERGIC BETA RECEPTOR AGONISTS

Inhaled salmeterol and salbutamol in asthmatic patients. An evaluation of asthma symptoms and the possible development of tachyphylaxis. Ullman A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):571-5
Pathophysiological mechanisms underlying the effects of beta-adrenergic agonists and antagonists on functional capacity and survival in chronic heart failure. Packer M. **Circulation** 1990 Aug;82(2 Suppl):I77-88 (141 ref.)
Relation of diastolic function and exercise capacity in ischemic left ventricular dysfunction. Role of beta-agonists and beta-antagonists. Pouleur H, et al. **Circulation** 1990 Aug;82(2 Suppl):I89-96
Xamoterol in severe heart failure [letter] Ikram H, et al. **Lancet** 1990 Aug 25;336(8713):517-8

ADRENERGIC BETA RECEPTOR BLOCKADERS

Pulmonary effects of long-term beta 2-blockade in healthy subjects: comparative study of metoprolol OROS. Bauer K, et al. **Am Heart J** 1990 Aug;120(2):473-7
Influence of beta-adrenergic blockade upon hemodynamic response to exercise assessed by Doppler echocardiography. Clifton GD, et al. **Am Heart J** 1990 Sep;120(3):579-85
Pharmacologic management of ischemic heart disease with beta-blockers and calcium channel blockers. Pearle DL. **Am Heart J** 1990 Sep;120(3):739-42; discussion 743-5
Beta-adrenergic receptor blockade in the management of pregnant women with mitral stenosis. al Kasab SM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):37-40
Effect of beta-adrenergic blockade on myocardial function and energetics in congestive heart failure. Improvements in hemodynamic, contractile, and diastolic performance with bucindolol. Eichhorn EJ, et al. **Circulation** 1990 Aug; 82(2):473-83
Pathophysiological mechanisms underlying the effects of beta-adrenergic agonists and antagonists on functional capacity and survival in chronic heart failure. Packer M. **Circulation** 1990 Aug;82(2 Suppl):I77-88 (141 ref.)
Relation of diastolic function and exercise capacity in ischemic left ventricular dysfunction. Role of beta-agonists and beta-antagonists. Pouleur H, et al. **Circulation** 1990 Aug;82(2 Suppl):I89-96
Esmolol for treatment of intraoperative tachycardia and/or hypertension in patients having cardiac operations. Bolus loading technique. Reves JG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):221-7
beta-blockers and variceal haemorrhage [letter] Poynard T, et al. **Lancet** 1990 Aug 25;336(8713):506

ADRENOCORTICOTROPIC HORMONE

The effect of adrenocorticotropic hormone infusion on subsequent pituitary response in the sheep fetus. Cuthrell WV, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):170-4
Immunodetectable cytochromes P450 I, II, and III in guinea pig adrenal—hormone responsiveness and relationship to capacity for xenobiotic metabolism. Black VH. **Endocrinology** 1990 Sep;127(3):1153-9
Adrenalectomy in the neonate: adult-like adrenocortical system responses to both removal and replacement of corticosterone. Walker CD, et al. **Endocrinology** 1990 Aug; 127(2):832-42
Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305-10
Amplitude, but not frequency, modulation of adrenocorticotropin secretory bursts gives rise to the nyctohemeral rhythm of the corticotropic axis in man. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):452-63
Assessment of the one hour adrenocorticotrophic hormone test in the diagnosis of attenuated 21-hydroxylase deficiency. Innanen VT, et al. **J Clin Pathol** 1990 Jun; 43(6):493-5
Anosmia and isolated ACTH deficiency following a road traffic accident. Case report. Scoble JE, et al. **J Neurosurg** 1990 Sep;73(3):453-4

ADVERTISING

Voluntary control of drug promotion in Sweden. Perman E. **N Engl J Med** 1990 Aug 30;323(9):616-7

AEROSPACE MEDICINE

Drinking and flying—the problem of alcohol use by pilots. Modell JG, et al. **N Engl J Med** 1990 Aug 16;323(7):455-61 (63 ref.)

AFFECT

Mental status changes in children receiving glucocorticoids. Review of the literature. Satel SL. **Clin Pediatr (Phila)** 1990 Jul;29(7):383–8 (49 ref.)

AFFECTIVE DISORDERS

A structured psychiatric intervention for cancer patients. I. Changes over time in methods of coping and affective disturbance. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):720–5

A structured psychiatric intervention for cancer patients. II. Changes over time in immunological measures. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):729–35

AFFECTIVE DISORDERS, PSYCHOTIC

Valproic acid for the treatment of children with mental retardation and mood symptomatology. Kastner T, et al. **Pediatrics** 1990 Sep;86(3):467–72

AFFECTIVE SYMPTOMS

Alexithymic features in relation to the dexamethasone suppression test in a Finnish population sample. Lindholm T, et al. **Am J Psychiatry** 1990 Sep;147(9):1216–9

A preliminary investigation of alexithymia in men with psychoactive substance dependence. Taylor GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1228–30

AGED

Impact of medical hospitalization on treatment decision-making capacity in the elderly. Fitten LJ, et al. **Arch Intern Med** 1990 Aug;150(8):1717–21

Injuries in the elderly: evaluation and initial response. Demarest GB, et al. **Geriatrics** 1990 Aug;45(8):36–8, 41–2 (17 ref.)

Avoidant coping predicts psychological disturbance in the elderly. Smith LW, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):525–30

AGED, 80 AND OVER

Severe aortic stenosis in octogenarians: is operation an acceptable alternative? [see comments] Deleuze P, et al. **Ann Thorac Surg** 1990 Aug;50(2):226–9. Comment in: Ann Thorac Surg 1990 Aug;50(2):173–4.

Uncomfortable issues [editorial; comment] Edmunds LH Jr. **Ann Thorac Surg** 1990 Aug;50(2):173–4. Comment on: Ann Thorac Surg 1990 Aug;50(2):226–9.

AGGRESSION

Lorazepam treatment of resistive aggression in dementia [letter] Fritz J, et al. **Am J Psychiatry** 1990 Sep;147(9):1250

Vigabatrin and behaviour disturbances [letter] Robinson MK, et al. **Lancet** 1990 Aug 25;336(8713):504

AGING

The thickness of the renal parenchyma decreases with age: a CT study of 360 patients. Gourtsoyiannis N, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):541–4

Relationship between age and serum vitamin A in children aged 4–11 y. Lewis CJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):353–60

Bupivacaine toxicity in young pigs is age-dependent and is affected by volatile anesthetics. Badgwell JM, et al. **Anesthesiology** 1990 Aug;73(2):297–303

The aging process. Geokas MC, et al. **Ann Intern Med** 1990 Sep 15;113(6):455–66 (133 ref.)

Effects of age and body composition on the metabolic responses to elective colon resection. Watters JM, et al. **Ann Surg** 1990 Aug;212(2):213–20

Cochlear microcirculation in young and old gerbils. Prazma J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):932–6

Myocardial fibrosis in the elderly. Klima M, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):938–42

Hemodynamic effects of atrial natriuretic factor in young and elderly subjects. Jansen TL, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):179–88

Vitamin D status and related parameters in a healthy population: the effects of age, sex, and season. Sherman SS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):405–13

Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1; 145(5):1295–302

Dehydroepiandrosterone sulphate in Alzheimer's disease [letter] **Lancet** 1990 Aug 18;336(8712):449–50

Geriatrics: sleep disorders and aging. Prinz PN, et al. **N Engl J Med** 1990 Aug 23;323(8):520–6 (80 ref.)

Epidemiology and natural history of benign prostatic hyperplasia. Barry MJ. **Urol Clin North Am** 1990 Aug; 17(3):495–507 (77 ref.)

Clinical and experimental studies of benign prostatic hyperplasia. Coffey DS, et al. **Urol Clin North Am** 1990 Aug;17(3):461–75 (38 ref.)

AGORAPHOBIA

Panic disorder and agoraphobia. Nondrug treatment options for primary care physicians. Ferentz KS. **Postgrad Med** 1990 Aug;88(2):185–92

AGRANULOCYTOSIS

Lack of effect of lithium carbonate on zidovudine-associated neutropenia in patients with AIDS [letter] Worthington M. **J Infect Dis** 1990 Sep;162(3):77–8

Malignant external otitis in an infant. Nir D, et al. **J Laryngol Otol** 1990 Jun;104(6):488–90

Differential effect of GM-CSF and G-CSF in cyclic neutropenia [letter] Freund MR, et al. **Lancet** 1990 Aug 4;336(8710):313

Neutropenia in adults. What is its clinical significance? Russin SJ, et al. **Postgrad Med** 1990 Aug;88(2):209–16 (16 ref.)

AGRICULTURAL WORKERS' DISEASES

A retrospective cohort study of cancer incidence among New York State Farm Bureau members. Stark AD, et al. **Arch Environ Health** 1990 May-Jun;45(3):155–62

AIDS DEMENTIA COMPLEX

Intrathecal zidovudine for AIDS dementia [letter] Routy JP, et al. **Lancet** 1990 Jul 28;336(8709):248

AIDS-RELATED COMPLEX

Response of HIV-associated disseminated cat scratch disease to treatment with doxycycline. Mui BS, et al. **Am J Med** 1990 Aug;89(2):229–31

Photopheresis and human immunodeficiency virus (HIV) infection: the Annals views preliminary reports [editorial; comment] Abrutyn E. **Ann Intern Med** 1990 Aug 15; 113(4):263–4. Comment on: Ann Intern Med 1990 Aug 15;113(4):270–5.

Extracorporeal photopheresis in the treatment of AIDS-related complex: a pilot study [see comments] Bisaccia E, et al. **Ann Intern Med** 1990 Aug 15;113(4):270–5 . Comment in: Ann Intern Med 1990 Aug 15;113(4):263–4.

Development of non-Hodgkin lymphoma in a cohort of patients with severe human immunodeficiency virus (HIV) infection on long-term antiretroviral therapy. Pluda JM, et al. **Ann Intern Med** 1990 Aug 15;113(4):276–82

Population pharmacokinetics of zidovudine. The Veterans Administration Cooperative Studies Group. Gitterman SR, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):161–7

Plasma fibronectin concentrations in patients with human immunodeficiency virus infection. Torre D, et al. **J Clin Pathol** 1990 Jul;43(7):560–2

A phase 1 study of ribavirin in human immunodeficiency virus-infected patients. Roberts RB, et al. **J Infect Dis** 1990 Sep;162(3):638–42

Bilateral synchronous testis tumors of different histology in a patient with the acquired immunodeficiency syndrome related complex. Roehrborn CG, et al. **J Urol** 1990 Aug; 144(2 Pt 1):353–5

Zidovudine with probenecid [letter] Duckworth AS, et al. **Lancet** 1990 Aug 18;336(8712):441

Long-term toxicity/activity profile of 2',3'-dideoxyinosine in AIDS or AIDS-related complex. Yarchoan R, et al. **Lancet** 1990 Sep 1;336(8714):526–9

AIDS SERODIAGNOSIS

HIV seroprevalence and the acceptance of voluntary HIV testing among newly incarcerated male prison inmates in Wisconsin. Hoxie NJ, et al. **Am J Public Health** 1990 Sep; 80(9):1129–31

Premarital screening for antibodies to human immunodeficiency virus type 1 in the United States. The Premarital Screening Study Group. Petersen LR, et al. **Am J Public Health** 1990 Sep;80(9):1087–90

The case against HIV antibody testing of refugees and immigrants [letter] Hall PF. **Can Med Assoc J** 1990 Aug 1;143(3):172–3

AIR POLLUTANTS

Variability of measures of exposure to environmental tobacco smoke in the home. Coultas DB, et al. **Am Rev Respir Dis** 1990 Sep;142(3):602–6

Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease [see comments] Sheps DS, et al. **Ann Intern Med** 1990 Sep 1;113(5):343–51 . Comment in: Ann Intern Med 1990 Sep 1;113(5):337–8.

Latex as aeroallergen [letter] Lagier F, et al. **Lancet** 1990 Aug 25;336(8713):516–7

AIR POLLUTANTS, ENVIRONMENTAL

Respiratory responses of young asthmatic volunteers in controlled exposures to sulfuric acid aerosol. Avol EL, et al. **Am Rev Respir Dis** 1990 Aug;142(2):343–8

Airborne house dust mite antigen after vacuum cleaning [letter] Kalra S, et al. **Lancet** 1990 Aug 18;336(8712):449

AIR POLLUTANTS, OCCUPATIONAL

Occupational exposure to nitrous oxide in four hospitals--a comment [letter] Jørgensen S. **Anaesthesia** 1990 Jun; 45(6):490–1

Occupational exposure to aerosolized pentamidine. Montgomery AB, et al. **Chest** 1990 Aug;98(2):386–8

Occupational asthma in the egg processing industry [editorial; comment] Reed CE. **Chest** 1990 Aug;98(2):261–2. Comment on: Chest 1990 Aug;98(2):398–404.

Evaluation of occupational asthma from airborne egg protein exposure in multiple settings [see comments] Smith AB, et al. **Chest** 1990 Aug;98(2):398–404. Comment in: Chest 1990 Aug;98(2):261–2.

Challenges from the environment [editorial; comment] Terr AI. **West J Med** 1990 Jul;153(1):77–8. Comment on: West J Med 1990 Jul;153(1):28–33.

AIRCRAFT

Respiratory problems of air travel in patients with spinal cord injuries. Armitage JM, et al. **BMJ** 1990 Jun 9; 300(6738):1498–9

An outbreak of illness among aerospace workers [see comments] Sparks PJ, et al. **West J Med** 1990 Jul; 153(1):28–33. Comment in: West J Med 1990 Jul;153(1):77–8.

Outcome, transport times, and costs of patients evacuated by helicopter versus fixed-wing aircraft. Thomas F, et al. **West J Med** 1990 Jul;153(1):40–3

AIRWAY OBSTRUCTION

Thoracoabdominal asynchrony in acute upper airway obstruction in small children. Sivan Y, et al. **Am Rev Respir Dis** 1990 Sep;142(3):540–4

A complication of tumour of the oesophagus [letter] Banerjee A, et al. **Anaesthesia** 1990 Jun;45(6):494–5

Severe upper airway obstruction in children secondary to lingual tonsil hypertrophy. Guarisco JL, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):621–4

Endoscopic laryngeal surgery for bilateral midline vocal cord obstruction. Rontal M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):605–10

Respiratory sequelae and lung function after whooping cough in infancy. Krantz I, et al. **Arch Dis Child** 1990 Jun; 65(6):569–73

ABC of major trauma. Management of the upper airway. Watson D. **BMJ** 1990 May 26;300(6736):1388–91 (3 ref.)

Deglutition after near-fatal choking episode: radiologic evaluation. Feinberg MJ, et al. **Radiology** 1990 Sep; 176(3):637–40

AIRWAY RESISTANCE

A new method for measurement of airway occlusion pressure. Brenner M, et al. **Chest** 1990 Aug;98(2):421–7

Variations of respiratory impedance with lung volume in bronchial hyperreactivity. van den Elshout FJ, et al. **Chest** 1990 Aug;98(2):358–64

Persistence of increased nonspecific bronchial reactivity in allergic children and adolescents. Davé NK, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):147–53

Tachyphylaxis to inhaled histamine in asthma: its significance and relationship to basal airway responsiveness. Polosa R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):265–71

Role of calcium in airway reactivity and asthma [letter] Weiss EB. **J Allergy Clin Immunol** 1990 Aug;86(2):274

ALANINE

Effects of glucocorticoids on lung glutamine and alanine metabolism. Souba WW, et al. **Surgery** 1990 Aug; 108(2):213–8; discussion 218–9

ALANINE AMINOTRANSFERASE

Alanine aminotransferase screening and hepatitis C virus antibody [letter] Burckhardt JJ, et al. **Lancet** 1990 Aug 18;336(8712):447–8

ALBUMINS

Safety and efficacy of a new transpulmonary ultrasound contrast agent: initial multicenter clinical results. Feinstein SB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):316–24

Proteinuria, not altered albumin metabolism, affects hyperlipidemia in the nephrotic rat. Davies RW, et al. **J Clin Invest** 1990 Aug;86(2):600–5

Reconstitution of interleukin-2 with albumin for infusion [letter] Hamblin T. **Lancet** 1990 Jul 28;336(8709):251

ALBUTEROL

Inhaled salmeterol and salbutamol in asthmatic patients. An evaluation of asthma symptoms and the possible development of tachyphylaxis. Ullman A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):571–5

The effect of albuterol aerosol on fine-motor performance in children with chronic asthma. Mazer B, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):243–8

ALCOHOL DEHYDROGENASE

Hepatic alcohol dehydrogenase activity in alcoholic subjects with and without liver disease. Vidal F, et al. **Gut** 1990 Jun;31(6):707–11

ALCOHOL DRINKING

Moderate alcohol intake and spontaneous eating patterns of humans: evidence of unregulated supplementation. de Castro JM, et al. **Am J Clin Nutr** 1990 Aug;52(2):246–53

Use of the T-ACE questions to detect risk-drinking [letter] Elliot DL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):684–5

Drinking and flying—the problem of alcohol use by pilots. Modell JG, et al. **N Engl J Med** 1990 Aug 16;323(7):455–61 (63 ref.)

A pilot survey of aquatic activities and related consumption of alcohol, with implications for drowning. Howland J, et al. **Public Health Rep** 1990 Jul–Aug;105(4):415–9

ALCOHOL, ETHYL

Percutaneous ethanol injection therapy for neoplasms located on the surface of the liver. Shiina S, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):507–9

Prevention of TUR syndrome by detection of trace ethanol in the expired breath. Hahn RG. **Anaesthesia** 1990 Jul; 45(7):577–81

Effect of alcohol intake on human apolipoprotein A-I-containing lipoprotein subfractions. Puchois P, et al. **Arch Intern Med** 1990 Aug;150(8):1638–41

In vitro human placental model to study transfer of thiamin from the mother to the fetus: effect of ethanol in this system [editorial] Mukherjee AB. **J Lab Clin Med** 1990 Jul; 116(1):6–7

Thiamine-transfer by human placenta: normal transport and effects of ethanol. Schenker S, et al. **J Lab Clin Med** 1990 Jul;116(1):106–15

High blood alcohol levels in women [letter] Brown OM. **N Engl J Med** 1990 Aug 23;323(8):533

Stroke from alcohol and drug abuse. A current social peril. Gorelick PB. **Postgrad Med** 1990 Aug;88(2):171–4, 177–8 (21 ref.)

ALCOHOLICS ANONYMOUS

Success of alcoholics anonymous [letter] Hoffman GK. **Am J Psychiatry** 1990 Aug;147(8):1104

ALCOHOLISM

Success of alcoholics anonymous [letter] Hoffman GK. **Am J Psychiatry** 1990 Aug;147(8):1104

Major depressive disorder, alcoholism, and reduced natural killer cell cytotoxicity. Role of severity of depressive symptoms and alcohol consumption. Irwin M, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):713–9

Antabuse implants: a useful surgical procedure. Welch M, et al. **Br J Surg** 1990 Jul;77(7):821

Hepatic alcohol dehydrogenase activity in alcoholic subjects with and without liver disease. Vidal F, et al. **Gut** 1990 Jun;31(6):707–11

Cognitive functioning and treatment outcome in alcoholics. Alterman AI, et al. **J Nerv Ment Dis** 1990 Aug;178(8):494–9

The lifetime prevalence of psychopathology in men with multigenerational family histories of alcoholism. Finn PR, et al. **J Nerv Ment Dis** 1990 Aug;178(8):500–4

Adult children of alcoholics. A valid diagnostic group? Fulton AI, et al. **J Nerv Ment Dis** 1990 Aug;178(8):505–9

Epidemiological analysis of alcohol and drug use as risk factors for psychotic experiences. Tien AY, et al. **J Nerv Ment Dis** 1990 Aug;178(8):473–80

Comparison of CAGE questionnaire and computer-assisted laboratory profiles in screening for covert alcoholism. Beresford TP, et al. **Lancet** 1990 Aug 25;336(8713):482–5

ALDEHYDES

Repair of thoracic dissections [letter] Hammond GL. **Ann Thorac Surg** 1990 Aug;50(2):330

ALDOSTERONE

Effects of high potassium concentration and dihydropyridine Ca2(+)-channel agonists on cytoplasmic Ca2+ and aldosterone production in rat adrenal glomerulosa cells. Balla T, et al. **Endocrinology** 1990 Aug;127(2):815–22

A potential role for phospholipase-D in the angiotensin-II-induced stimulation of aldosterone secretion from bovine adrenal glomerulosa cells. Bollag WB, et al. **Endocrinology** 1990 Sep;127(3):1436–43

Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900–6

Adriamycin-induced increase in serum aldosterone levels: effects in riboflavin-sufficient and riboflavin-deficient rats. Pinto JT, et al. **Endocrinology** 1990 Sep;127(3):1495–501

Cytosolic calcium and aldosterone response patterns of rat adrenal glomerulosa cells stimulated by vasopressin: comparison with angiotensin II. Quinn SJ, et al. **Endocrinology** 1990 Aug;127(2):541–8

The effect of oxygen on aldosterone release from bovine adrenocortical cells in vitro: PO2 versus steroidogenesis. Raff H, et al. **Endocrinology** 1990 Aug;127(2):682–7

ALFENTANIL

A comparison of the effects of alfentanil/droperidol or fentanyl/droperidol on intra-ocular pressure. Coley S, et al. **Anaesthesia** 1990 Jun;45(6):477–80

Variables of patient-controlled analgesia. 3: Test of an infusion-demand system using alfentanil. Owen H, et al. **Anaesthesia** 1990 Jun;45(6):452–5

ALGAE, BLUE-GREEN

Pneumonia associated with contact with cyanobacteria. Turner PC, et al. **BMJ** 1990 Jun 2;300(6737):1440–1

ALGORITHMS

Emergency arterial reconstruction for acute ischaemia. Hickey NC, et al. **Br J Surg** 1990 Jun;77(6):680–1

The neglect of our children. Helfer RE. **Pediatr Clin North Am** 1990 Aug;37(4):923–42 (42 ref.)

ALKALOIDS

Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro. Nose M, et al. **J Immunol** 1990 Aug 1;145(3):910–4

Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. Panter KE, et al. **J Toxicol Clin Toxicol** 1990;28(1):69–83

ALLELES

Abnormal distribution of CF delta F508 allele in azoospermic men with congenital aplasia of epididymis and vas deferens [letter] Dumur V, et al. **Lancet** 1990 Aug 25;336(8713):512

A simple assay for the screening of the cystic fibrosis allele in carriers of the Phe508 deletion mutation. Chong GL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1072–6

ALLERGENS

Role of leukotriene D4 in the early and late pulmonary responses of rats to allergen challenge. Sapienza S, et al. **Am Rev Respir Dis** 1990 Aug;142(2):353–8

New units of antigen standardization [letter] Bierman CW. **J Allergy Clin Immunol** 1990 Aug;86(2):278

Mast cell chymase potentiates histamine-induced wheal formation in the skin of ragweed-allergic dogs. Rubinstein I, et al. **J Clin Invest** 1990 Aug;86(2):555–9

Airborne house dust mite antigen after vacuum cleaning [letter] Kalra S, et al. **Lancet** 1990 Aug 18;336(8712):449

Exposure to house-dust mite allergen (Der p I) and the development of asthma in childhood. A prospective study. Sporik R, et al. **N Engl J Med** 1990 Aug 23;323(8):502–7

ALLOPURINOL

Therapeutic efficacy of allopurinol in patients with chronic Chagas' disease. Gallerano RH, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):159–66

Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Nauta RJ, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):120–5

ALOPECIA

Systemic toxicity following intracavitary administration of bleomycin. Siegel RD, et al. **Chest** 1990 Aug;98(2):507

ALPHA-AMYLASE

Osteosarcomas in transgenic mice expressing an alpha-amylase-SV40 T-antigen hybrid gene. Knowles BB, et al. **Am J Pathol** 1990 Aug;137(2):259–62

ALPHA 1-ANTICHYMOTRYPSIN

Association of osteoarthritis with homozygosity for a 5.8 kb Taq I fragment of the alpha 1-antichymotrypsin gene. Sakkas LI, et al. **Br J Rheumatol** 1990 Aug;29(4):245–8

Regulation of antitrypsin and antichymotrypsin synthesis by MCF-7 breast cancer cell sublines. Tamir S, et al. **Endocrinology** 1990 Sep;127(3):1319–28

ALPHA 1-ANTITRYPSIN

Regulation of antitrypsin and antichymotrypsin synthesis by MCF-7 breast cancer cell sublines. Tamir S, et al. **Endocrinology** 1990 Sep;127(3):1319–28

Evaluation of the rapid plasma elimination of recombinant alpha 1-proteinase inhibitor: synthesis of polyethylene glycol conjugates with improved therapeutic potential. Mast AE, et al. **J Lab Clin Med** 1990 Jul;116(1):58–65

ALPHA FETOPROTEINS

Maternal serum alpha-fetoprotein in pregnancy [letter] Gilchrist DM, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):692–3

The effect of adjusting maternal serum alpha-fetoprotein levels for maternal weight in pregnancies with fetal open spina bifida. A United States collaborative study. Johnson AM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):9–11

Maternal serum alpha-fetoprotein level useful screening test [letter] Lao T. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):240

Should amniocenteses always accompany unexplained high maternal serum alpha-fetoprotein levels? Who decides: public agency, patient, or private physician? [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):697–8

Uterine artery Doppler in the investigation of pregnancies with raised maternal serum alpha-fetoprotein. Aristidou A, et al. **Br J Obstet Gynaecol** 1990 May;97(5):431–5

Absence of need for amniocentesis in patients with elevated levels of maternal serum alpha-fetoprotein and normal ultrasonographic examinations. Nadel AS, et al. **N Engl J Med** 1990 Aug 30;323(9):557–61

Markedly elevated maternal serum alpha-fetoprotein associated with a normal fetus and choriocarcinoma of the placenta. Ollendorff DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):494–7

ALPHA GLOBULINS

The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114–20

ALPROSTADIL

Life-threatening diarrhea after short-term misoprostol use in a patient with Crohn ileocolitis. Kornbluth A, et al. **Ann Intern Med** 1990 Sep 15;113(6):474–5

Reversal of protamine-induced catastrophic pulmonary vasoconstriction by prostaglandin E1. Whitman GJ, et al. **Ann Thorac Surg** 1990 Aug;50(2):303–5

The efficacy and tolerance of mifepristone and prostaglandin in first trimester termination of pregnancy. UK Multicentre Trial. **Br J Obstet Gynaecol** 1990 Jun;97(6):480–6

Was a magic bullet aimed in the right direction? [editorial; comment] Shoemaker WC. **Chest** 1990 Aug;98(2):257. Comment on: Chest 1990 Aug;98(2):405–10.

Effects of prostaglandin E1 on oxygen delivery and consumption in patients with the adult respiratory distress syndrome. Results from the prostaglandin E1 multicenter trial. The Prostaglandin E1 Study Group [see comments] Silverman HJ, et al. **Chest** 1990 Aug;98(2):405–10. Comment in: Chest 1990 Aug;98(2):257.

ALTITUDE

Capnometer readings at high altitude [letter] Hilberman M. **Anesthesiology** 1990 Aug;73(2):354–5

ALUMINUM

Alumina-on-alumina hip replacement. Results and survivorship in young patients. Sedel L, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):658–63

Aluminium deposition in bone after contamination of drinking water supply. Eastwood JB, et al. **Lancet** 1990 Aug 25;336(8713):462–4

Erythropoietin, aluminium, and anaemia in patients on haemodialysis [letter] Piazza V, et al. **Lancet** 1990 Jul 28; 336(8709):255–6

ALUMINUM HYDROXIDE

The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al. **Ann Emerg Med** 1990 Jul;19(7):785–8

ALVEOLITIS, EXTRINSIC ALLERGIC

Confusing serological abnormalities in bird fancier's lung. Udwadia ZF, et al. **BMJ** 1990 Jun 9;300(6738):1519

Chronic bronchitis in pigeon fanciers [letter] Carrillo T, et al. **Chest** 1990 Aug;98(2):508

ALZHEIMER'S DISEASE

Neuronal and microglial involvement in beta-amyloid protein deposition in Alzheimer's disease. Cras P, et al. **Am J Pathol** 1990 Aug;137(2):241–6

Immunochemical demonstration of tropomyosin in the neurofibrillary pathology of Alzheimer's disease. Galloway PG, et al. **Am J Pathol** 1990 Aug;137(2):291–300

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233–40

Psychiatric symptoms and nursing home placement of patients with Alzheimer's disease. Steele C, et al. **Am J Psychiatry** 1990 Aug;147(8):1049–51

Survival of outpatients with Alzheimer-type dementia. Walsh JS, et al. **Ann Intern Med** 1990 Sep 15;113(6):429–34

Electrophysiologic comparisons between two groups of patients with Alzheimer's disease. Albert MS, et al. **Arch Neurol** 1990 Aug;47(8):857–63

Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864–9
The prognosis in Alzheimer's disease. 'How far' rather than 'how fast' best predicts the course. Drachman DA, et al. **Arch Neurol** 1990 Aug;47(8):851–6
Advanced Alzheimer's disease is a risk factor for late-onset seizures. Romanelli MF, et al. **Arch Neurol** 1990 Aug; 47(8):847–50
Dehydroepiandrosterone sulphate in Alzheimer's disease [letter] **Lancet** 1990 Aug 18;336(8712):449–50
Regional cerebral blood flow in Alzheimer's disease [letter] **Lancet** 1990 Aug 18;336(8712):450
Dementia with beta-amyloid deposition: involvement of alpha B-crystallin supports two main diseases [letter] Lowe J, et al. **Lancet** 1990 Aug 25;336(8713):515–6
Lack of efficacy of hydergine in patients with Alzheimer's disease. Thompson TL 2d, et al. **N Engl J Med** 1990 Aug 16;323(7):445–8
Abundant REM sleep in a patient with Alzheimer's disease. Bliwise DL, et al. **Neurology** 1990 Aug;40(8):1281–4
Cytochrome oxidase deficiency in Alzheimer's disease. Parker WD Jr, et al. **Neurology** 1990 Aug;40(8):1302–3
Longitudinal evaluation of dementia of the Alzheimer type: a comparison of 3 standardized mental status examinations. Salmon DP, et al. **Neurology** 1990 Aug;40(8):1225–30

AMANTADINE

Prevention of influenza and pneumonia. Mostow SR, et al. **Am Rev Respir Dis** 1990 Aug;142(2):487–8

AMBULATORY CARE

Does an ambulatory-care experience influence third-year students to select a career in internal medicine? Fincher RM, et al. **Acad Med** 1990 Jun;65(6):421
Continuous versus targeted medication in schizophrenic outpatients: outcome results. Carpenter WT Jr, et al. **Am J Psychiatry** 1990 Sep;147(9):1138–48
On quality of ambulatory care [letter] Ashley JT. **Am J Public Health** 1990 Sep;80(9):1136–7
Flumazenil in the outpatient. A study following midazolam as sedation for upper gastrointestinal endoscopy. Andrews PJ, et al. **Anaesthesia** 1990 Jun;45(6):445–8

AMBULATORY CARE FACILITIES

GAO report: deficits in state outpatient center regulation. Hudson T. **Hospitals** 1990 Aug 5;64(15):73
Outpatient centers: do they fill a void or hurt hospitals? Hudson T. **Hospitals** 1990 Aug 20;64(16):52

AMBULATORY SURGERY

Opisthotonus and other unusual neurological sequelae after outpatient anaesthesia. Saunders PR, et al. **Anaesthesia** 1990 Jul;45(7):552–7

AMDINOCILLIN

Bacterial epididymitis in the rat: a model for assessing the impact of acute inflammation on epididymal antibiotic penetration. See WA, et al. **J Urol** 1990 Sep;144(3):780–4

AMEBIASIS

Association of serum antibodies to adherence lectin with invasive amebiasis and asymptomatic infection with pathogenic Entamoeba histolytica. Ravdin JI, et al. **J Infect Dis** 1990 Sep;162(3):768–72

AMERICAN MEDICAL ASSOCIATION

AMA-RPS elects 1990-1991 Governing Council. **JAMA** 1990 Aug 8;264(6):744
AMA-RPS supports increased hospital security. **JAMA** 1990 Sep 12;264(10):1245
AMA-RPS annual meeting actions. **JAMA** 1990 Aug 22–29; 264(8):956
AMA-RPS takes stand on maternal-fetal conflict. **JAMA** 1990 Sep 12;264(10):1245
The increasing representativeness of AMA leaders [editorial] Lundberg GD. **JAMA** 1990 Sep 5;264(9):1153–4
An estimable legacy. Martini CJ. **JAMA** 1990 Aug 15; 264(7):795–7

AMIKACIN

Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Chiu J, et al. **Ann Intern Med** 1990 Sep 1; 113(5):358–61

AMINO ACID METABOLISM, INBORN ERRORS

Glucose polymer regimens and hypernatraemia. Verber IG, et al. **Arch Dis Child** 1990 Jun;65(6):627–8
Sonographic and pathological features of callosal hypoplasia in non-ketotic hyperglycinaemia. Wariyar UK, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):670–1
Familial hypermethioninemia partially responsive to dietary restriction. Labrune P, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):220–6
Clearance of toxic metabolites during therapy for inborn errors of metabolism [letter] Ring E, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):349–50
Parenteral nutrition in propionic acidemia and methylmalonic acidemia [letter] Walter JH, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):338–9

AMINO ACIDS

High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Crowell PL, et al. **Am J Clin Nutr** 1990 Aug; 52(2):313–9
A clinical trial of two parenteral nutrition solutions in neonates. McIntosh N, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):692–9
Heerlen polymorphism of protein S, an immunologic polymorphism due to dimorphism of residue 460. Bertina RM, et al. **Blood** 1990 Aug 1;76(3):538–48
Effects of amino acids on glucose disposal. Boden G, et al. **Diabetes** 1990 Sep;39(9):1079–84
Increased amino acid clearance and urea synthesis in a patient with glucagonoma. Almdal TP, et al. **Gut** 1990 Aug; 31(8):946–8
Caerulein induced plasma amino acid decrease: a simple, sensitive, and specific test of pancreatic function. Gullo L, et al. **Gut** 1990 Aug;31(8):926–9

AMINO ACYL T RNA SYNTHETASES

HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. **Arthritis Rheum** 1990 Aug;33(8):1240–8 (55 ref.)

AMINOCAPROIC ACIDS

Prophylaxis for post-perfusion CABG bleeding [letter] Jones RE, et al. **Chest** 1990 Aug;98(2):516–7
Vigabatrin and behaviour disturbances [letter] Robinson MK, et al. **Lancet** 1990 Aug 25;336(8713):504

AMINOGLYCOSIDES

Cefotetan and the lack of associated bleeding [letter] Martens M, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):251–2

AMINOPEPTIDASES

BP-1/6C3 expression defines a differentiation stage of transformed pre-B cells and is not related to malignant potential. Ramakrishnan L, et al. **J Immunol** 1990 Sep 1; 145(5):1603–8

4-AMINOPYRIDINE

Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Doze VA, et al. **Anesthesiology** 1990 Aug; 73(2):304–7

AMINOQUINOLINES

Effects of a new prolactin inhibitor, CV 205-502, in the treatment of human macroprolactinomas. Khalfallah Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):354–9

AMINOSALICYLIC ACIDS

Scavenger effect of sulphasalazine (SASP), 5-aminosalicylic acid (5-ASA), and olsalazine (OAZ) [letter] Gionchetti P, et al. **Gut** 1990 Jun;31(6):730–1
Estimation of 5-aminosalicylic acid and its metabolite in human serum by front-face fluorometry: a simple and sensitive method. Hirsch RE, et al. **J Lab Clin Med** 1990 Jul;116(1):45–50

AMIODARONE

Changes in 127I mice thyroid follicle studied by analytical ion microscopy: a key for the comprehension of amiodarone-induced thyroid diseases. Briançon C, et al. **Endocrinology** 1990 Sep;127(3):1502–9

AMITRIPTYLINE

Amoxapine versus amitriptyline combined with perphenazine in the treatment of psychotic depression. Anton RF Jr, et al. **Am J Psychiatry** 1990 Sep;147(9):1203–8

AMNESIA

Transient global amnesia. Toffol GJ, et al. **Postgrad Med** 1990 Aug;88(2):217–9 (22 ref.)

AMNIOCENTESIS

Effect of maternal-fetal movement on concentration of cells obtained at genetic amniocentesis. Carlan SJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):490–3
Should amniocenteses always accompany unexplained high maternal serum alpha-fetoprotein levels? Who decides: public agency, patient, or private physician? [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):697–8
Audit of amniocentesis [letter] Smoleniec JS, et al. **BMJ** 1990 Jun 16;300(6739):1588

AMNION

Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Manabe Y, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):52–6
Late diagnosis of nonconjoined monoamniotic twins using computed tomographic imaging: a case report. Carlan SJ, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):504–6
Amniotic membranes in the treatment of necrotizing fasciitis complicating vulvar herpes virus infection. Rothman PA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):534–6

AMNIOTIC FLUID

Effect of maternal-fetal movement on concentration of cells obtained at genetic amniocentesis. Carlan SJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):490–3
Amnioinfusion and prevention of meconium aspiration syndrome [letter] Falciglia HS. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):258–9
Prenatal diagnosis of congenital cytomegalovirus infection: two decades later. Grose C, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):447–50
Detection of fetal blood contamination by amniotic fluid obtained during cordocentesis. Lazebnik N, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):78–80
Comparisons of glycosylated and nonglycosylated amniotic fluid prolactins in normal second- and third-trimester pregnancies. McCoshen J, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):81–5
Amniotic fluid midtrimester delta optical density measurements at 450 nm in Rh disease [letter] Nelson GH. **Am J Obstet Gynecol** 1990 Aug;163(2):710–2
Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization. Silver HM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):19–25
Fetal vesicorectal fistula causing oligohydramnios in the second trimester. Case report. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1990 May;97(5):449–51
Transcapillary permeability and subendothelial distribution of endothelial and amniotic fluid insulin-like growth factor binding proteins in the rat heart. Bar RS, et al. **Endocrinology** 1990 Sep;127(3):1078–86
Isolation of Chlamydia trachomatis from amniotic fluid. Thomas GB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):519–20

AMOXICILLIN

Hepatitis and augmentin [letter] Reddy KR, et al. **Dig Dis Sci** 1990 Aug;35(8):1045–6

AMPHETAMINES

Intraventricular hemorrhage following amphetamine abuse. Imanse J, et al. **Neurology** 1990 Aug;40(8):1318–9
Stroke from alcohol and drug abuse. A current social peril. Gorelick PB. **Postgrad Med** 1990 Aug;88(2):171–4, 177–8 (21 ref.)

AMPHOTERICIN B

Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183–7
Red man syndrome associated with amphotericin B. Ellis ME, et al. **BMJ** 1990 Jun 2;300(6737):1468
Amphotericin B in urological practice. Wise GJ. **J Urol** 1990 Aug;144(2 Pt 1):215–23 (117 ref.)

AMPICILLIN

Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Cavanzo FJ, et al. **Gastroenterology** 1990 Sep;99(3):854–6
Therapy for shigellosis. II. Randomized, double-blind comparison of ciprofloxacin and ampicillin. Bennish ML, et al. **J Infect Dis** 1990 Sep;162(3):711–6
Multiresistant Salmonella typhi in India [letter] **Lancet** 1990 Jul 28;336(8709):252

AMPUTATION

Effect of a failed distal reconstruction on the level of amputation. Evans WE, et al. **Am J Surg** 1990 Aug; 160(2):217–20
Anatomical aspects of the blood supply to the skin of the posterior calf: technique of below-knee amputation. Gray DW, et al. **Br J Surg** 1990 Jun;77(6):662–4
Judicial amputation and human rights [letter] **Lancet** 1990 Sep 1;336(8714):572

AMRINONE

Pressure-volume analysis as a method for quantifying simultaneous drug (amrinone) effects on arterial load and contractile state in vivo. Kass DA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):726–32

AMYLOID

Neuronal and microglial involvement in beta-amyloid protein deposition in Alzheimer's disease. Cras P, et al. **Am J Pathol** 1990 Aug;137(2):241–6

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233–40

Dementia with beta-amyloid deposition: involvement of alpha B-crystallin supports two main diseases [letter] Lowe J, et al. **Lancet** 1990 Aug 25;336(8713):515–6

AMYLOID P COMPONENT

New frontiers in the study of amyloidosis [editorial; comment] Cohen AS, et al. **N Engl J Med** 1990 Aug 23; 323(8):542–3. Comment on: N Engl J Med 1990 Aug 23;323(8):508–13.

Evaluation of systemic amyloidosis by scintigraphy with 123I-labeled serum amyloid P component [see comments] Hawkins PN, et al. **N Engl J Med** 1990 Aug 23; 323(8):508–13. Comment in: N Engl J Med 1990 Aug 23;323(8):542–3.

AMYLOID PROTEIN AA

AA-amyloidosis. Tissue component-specific association of various protein AA subspecies and evidence of a fourth SAA gene product. Westermark GT, et al. **Am J Pathol** 1990 Aug;137(2):377–83

AMYLOIDOSIS

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233–40

AA-amyloidosis. Tissue component-specific association of various protein AA subspecies and evidence of a fourth SAA gene product. Westermark GT, et al. **Am J Pathol** 1990 Aug;137(2):377–83

Amyloidoma of the skull base. Ferreiro JA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):974–6

Frequency of light chain deposition nephropathy relative to renal amyloidosis and Bence Jones cast nephropathy in a necropsy study of patients with myeloma. Iványi B. **Arch Pathol Lab Med** 1990 Sep;114(9):986–7

New frontiers in the study of amyloidosis [editorial; comment] Cohen AS, et al. **N Engl J Med** 1990 Aug 23; 323(8):542–3. Comment on: N Engl J Med 1990 Aug 23;323(8):508–13.

Evaluation of systemic amyloidosis by scintigraphy with 123I-labeled serum amyloid P component [see comments] Hawkins PN, et al. **N Engl J Med** 1990 Aug 23; 323(8):508–13. Comment in: N Engl J Med 1990 Aug 23;323(8):542–3.

Cerebral amyloid angiopathy: diagnosis by MRI and brain biopsy. Hendricks HT, et al. **Neurology** 1990 Aug; 40(8):1308–10

AMYOTROPHIC LATERAL SCLEROSIS

Amyotrophic lateral sclerosis in Lancashire and South Cumbria, England, 1976–1986. A geographical study. Mitchell JD, et al. **Arch Neurol** 1990 Aug;47(8):875–80

Positron emission tomographic scanning demonstrates a presynaptic dopaminergic lesion in Lytico-Bodig. The amyotrophic lateral sclerosis-parkinsonism-dementia complex of Guam. Snow BJ, et al. **Arch Neurol** 1990 Aug; 47(8):870–4

ANALGESIA

The availability of epidural anaesthesia and analgesia in obstetrics. Hibbard BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):402–5

Calcitonin nasal spray for painful diabetic neuropathy [letter] Zieleniewski W. **Lancet** 1990 Aug 18;336(8712):449

ANALGESIA, EPIDURAL

Epidural analgesia and cesarean section for dystocia [letter] Chestnut DH. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):247–9

The local anesthetic dose is an important issue in evaluation of effects of epidural analgesia in nulliparous women [letter] Della Puppa A, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):701–3

The identification of the epidural space [letter] Robinson PN, et al. **Anaesthesia** 1990 Jun;45(6):498–9

Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Dyer RA, et al. **Anesth Analg** 1990 Aug;71(2):130–6

Herpes labialis in parturients receiving epidural morphine following cesarean section. Crone LA, et al. **Anesthesiology** 1990 Aug;73(2):208–13

On the mechanism by which midazolam causes spinally mediated analgesia. Edwards M, et al. **Anesthesiology** 1990 Aug;73(2):273–7

Epidural analgesia in colonic surgery: results of a randomized prospective study. Bredtmann RD, et al. **Br J Surg** 1990 Jun;77(6):638–42

Constant infusion of morphine for intractable cancer pain using an implanted pump. Hassenbusch SJ, et al. **J Neurosurg** 1990 Sep;73(3):405–9

ANALGESICS

Comparison of epidural sufentanil plus clonidine with sufentanil alone for postoperative pain relief. Vercauteren M, et al. **Anaesthesia** 1990 Jul;45(7):531–4

Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Dyer RA, et al. **Anesth Analg** 1990 Aug;71(2):130–6

Approaches for management of postoperative pain [letter] Wang RI. **Mayo Clin Proc** 1990 Jul;65(7):1031–2

ANALGESICS, ADDICTIVE

Opioid action of analgesic nitrous oxide [letter] Gillman MA. **Ann Emerg Med** 1990 Jul;19(7):843–4

ANAPHYLAXIS

Anaphylactic reaction to barium enema [letter] al-Mudallal R, et al. **Am J Med** 1990 Aug;89(2):251

Anaphylactic challenge causes eosinophil accumulation in bronchoalveolar lavage fluid of guinea pigs. Modulation by betamethasone, phenidone, indomethacin, WEB 2086, and a novel antiallergy agent, SCH 37224. Gulbenkian AR, et al. **Am Rev Respir Dis** 1990 Sep;142(3):680–5

Effects of the PAF antagonist WEB 2086 on PAF-induced physiologic alterations and on IgE anaphylaxis in the rabbit. Lohman I, et al. **Am Rev Respir Dis** 1990 Aug;142(2):390–7

Anaphylactic shock secondary to rattlesnake bite. Hogan DE, et al. **Ann Emerg Med** 1990 Jul;19(7):814–6

Anaphylaxis induced by peanuts. Assem ES, et al. **BMJ** 1990 May 26;300(6736):1377–8

Classification of immediate-type, life-threatening allergic or pseudoallergic reactions. Patterson R, et al. **Chest** 1990 Aug;98(2):257–9 (18 ref.)

Nearly fatal idiopathic anaphylactic reaction resulting in cardiovascular collapse and myocardial infarction. Wong S, et al. **Chest** 1990 Aug;98(2):501–3

Was the candy really responsible for the anaphylaxis in a cottonseed-sensitive patient? [letter] Malanin G, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):277–8

Bacteroides lipopolysaccharides (LPS) induce anaphylactoid and lethal reactions in LPS-responsive and -nonresponsive mice primed with muramyl dipeptide. Takada H, et al. **J Infect Dis** 1990 Aug;162(2):428–34

Severe anaphylactoid reaction to Gd-DTPA [letter] Lufkin RB. **Radiology** 1990 Sep;176(3):879

ANASTOMOSIS, SURGICAL

Stapled Baker type anastomosis for low anterior resections. Julian TB, et al. **Surg Gynecol Obstet** 1990 Aug; 171(2):169–70

Preparation of the calcified tibial artery for bypass grafting. White JV, et al. **Surg Gynecol Obstet** 1990 Aug; 171(2):165–6

ANATOMY

An integrated anatomy and cardiopulmonary resuscitation course. Nelson MS. **Acad Med** 1990 Jun;65(6):421

ANDROGEN ANTAGONISTS

Androgen ablation and blockade in the treatment of benign prostatic hyperplasia. McConnell JD. **Urol Clin North Am** 1990 Aug;17(3):661–70 (40 ref.)

ANDROGENS

Ketoconazole therapy for women with acne and/or hirsutism. Venturoli S, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):335–9

ANDROSTADIENES

A dose-ranging study of fluticasone propionate aqueous nasal spray for seasonal allergic rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. Meltzer EO, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):221–30

ANDROSTENEDIONE

Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Chandrasekher YA, et al. **Endocrinology** 1990 Aug;127(2):926–33

ANEMIA

Multicenter study of recombinant human erythropoietin in correction of anemia in rheumatoid arthritis. Pincus T, et al. **Am J Med** 1990 Aug;89(2):161–8

Heritable severe combined anemia and thrombocytopenia in the mouse: description of the disease and successful therapy. Peters LL, et al. **Blood** 1990 Aug 15;76(4):745–54

Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. Koppensteiner R, et al. **BMJ** 1990 Jun 23;300(6740):1626–7

ANEMIA, APLASTIC

Is hepatitis C virus involved in hepatitis-associated aplastic anemia? Pol S, et al. **Ann Intern Med** 1990 Sep 15; 113(6):435–7

Aplastic anaemia associated with a non-steroidal anti-inflammatory drug: relapse after exposure to another such drug. Andrews R, et al. **BMJ** 1990 Jul 7;301(6742):38

Aplastic anemia associated with canthaxanthin ingested for 'tanning' purposes. Bluhm R, et al. **JAMA** 1990 Sep 5; 264(9):1141–2

ANEMIA, HEMOLYTIC

Microangiopathic hemolytic anemia as the initial manifestation of porcine valve failure. Enzenauer RJ, et al. **South Med J** 1990 Aug;83(8):912–7 (31 ref.)

ANEMIA, HYPOCHROMIC

Iron needs during rapid growth and mental development. Filer LJ Jr. **J Pediatr** 1990 Aug;117(2 Pt 2):S143–6 (23 ref.)

Iron deficiency in children with cyanotic congenital heart disease. West DW, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):266–8

Erythropoietin, aluminium, and anaemia in patients on haemodialysis [letter] Piazza V, et al. **Lancet** 1990 Jul 28; 336(8709):255–6

ANEMIA, MACROCYTIC

Vitamin B-12 and folate deficiency presenting as leukaemia [letter] Lennard A. **BMJ** 1990 Jul 7;301(6742):42

ANEMIA, NEONATAL

Red cell volume and cardiac output in anaemic preterm infants. Hudson I, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):672–5

ANEMIA, PERNICIOUS

Absence of a gastrin inhibitory factor in the IgG fraction of serum from patients with pernicious anaemia. Smith JT, et al. **Gut** 1990 Aug;31(8):871–4

ANEMIA, SICKLE CELL

L-carnitine for leg ulcers [letter] Harrell HL Jr. **Ann Intern Med** 1990 Sep 1;113(5):412

Determinants of nocturnal enuresis in homozygous sickle cell disease. Readett DR, et al. **Arch Dis Child** 1990 Jun; 65(6):615–8

Correlation of electroretinographic findings and peripheral retinal nonperfusion in patients with sickle cell retinopathy. Peachey NS, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1106–9

Prevalence of antibodies to human immunodeficiency virus and to human T cell leukemia virus type I in transfused sickle cell disease patients. Castro O, et al. **J Infect Dis** 1990 Sep;162(3):743–5

Long-term management of splenic sequestration in children with sickle cell disease. Kinney TR, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):194–9

ANENCEPHALY

Anencephalics as organ donors. Van Assche FA. **Am J Obstet Gynecol** 1990 Aug;163(2):599–600

The infant with anencephaly [letter] Welch GW. **N Engl J Med** 1990 Aug 30;323(9):615

ANESTHESIA

Rate-responsive pacemakers and anaesthesia. A consideration of possible implications. Andersen C, et al. **Anaesthesia** 1990 Jun;45(6):472–6 (35 ref.)

Anesthesia mortality in perspective. Keats AS. **Anesth Analg** 1990 Aug;71(2):113–9

The Closed Claims Study [comment] Keats AS. **Anesthesiology** 1990 Aug;73(2):199–201. Comment on: Anesthesiology 1990 Aug;73(2):202–7.

Nerve injury associated with anesthesia [see comments] Kroll DA, et al. **Anesthesiology** 1990 Aug;73(2):202–7. Comment in: Anesthesiology 1990 Aug;73(2):199–201.

Anesthetics in the ED [letter] Eckhardt WF. **Ann Emerg Med** 1990 Jul;19(7):839–40

Xenon for anaesthesia [letter] James PB. **Lancet** 1990 Aug 4;336(8710):324

ANESTHESIA ADJUVANTS

Cardiovascular actions of common anesthetic adjuvants during desflurane (I-653) and isoflurane anesthesia in swine.

Weiskopf RB, et al. **Anesth Analg** 1990 Aug;71(2):144–8

ANESTHESIA, CONDUCTION

Walter Stoeckel (1871–1961). A pioneer of regional analgesia in obstetrics. Doughty A. **Anaesthesia** 1990 Jun; 45(6):468–71
Regional anesthesia and aspirin [letter] O'Sullivan G. **Anesthesiology** 1990 Aug;73(2):359–60

ANESTHESIA, DENTAL

Preanesthetic medication with rectal midazolam in children undergoing dental extractions. Roelofse JA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):791–7; discussion 797

ANESTHESIA, EPIDURAL

Epidural anesthesia as an adjunct to retroperitoneal aortic surgery. Pecoraro JP, et al. **Am J Surg** 1990 Aug; 160(2):187–91
Epidural anaesthesia and von Willebrand's disease. Milaskiewicz RM, et al. **Anaesthesia** 1990 Jun;45(6):462–4
Delayed recognition of podophyllum toxicity in a patient receiving epidural morphine. Conard PF, et al. **Anesth Analg** 1990 Aug;71(2):191–3
Questioning the benefits of epidural anesthesia in hemorrhagic shock [letter] Jordan DA, et al. **Anesthesiology** 1990 Aug;73(2):360–1
Epidural anaesthesia and long term backache after childbirth. MacArthur C, et al. **BMJ** 1990 Jul 7;301(6742):9–12
The availability of epidural anaesthesia and analgesia in obstetrics. Hibbard BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):402–5
Effects of epidural block with lignocaine and lignocaine-adrenaline on umbilical artery velocity wave ratios. Marx GF, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):517–20
Anaesthesia for emergency caesarean section. Morgan BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):420–4
Caudal epidural anesthesia reduces blood loss during hypospadias repair. Gunter JB, et al. **J Urol** 1990 Aug;144(2 Pt 2):517–9; discussion 530

ANESTHESIA, GENERAL

Extraordinary oxygen pipeline failure [letter] Black AE. **Anaesthesia** 1990 Jul;45(7):599–600
Detecting awareness during general anaesthesia [letter] Bogod DG. **Anaesthesia** 1990 Jul;45(7):590
Respiratory tract infection and anaesthesia. Haemophilus influenzae pneumonia that developed under anaesthesia. Campbell NN. **Anaesthesia** 1990 Jul;45(7):561–2
An accident with the Lack system [letter] Munro HM. **Anaesthesia** 1990 Jul;45(7):601–2
Propofol, porphyria and epilepsy [letter] Parr MJ, et al. **Anaesthesia** 1990 Jul;45(7):594
Other information from the strain gauge transducer [letter] Pina JP, et al. **Anaesthesia** 1990 Jul;45(7):602–3
Laryngeal mask and magnetic resonance imaging [letter] Rafferty C, et al. **Anaesthesia** 1990 Jul;45(7):590–1
Opisthotonus and other unusual neurological sequelae after outpatient anaesthesia. Saunders PR, et al. **Anaesthesia** 1990 Jul;45(7):552–7
Lidocaine intoxication during general anesthesia [letter] Yukioka H, et al. **Anesth Analg** 1990 Aug;71(2):207–8
Anesthetic management of severely hypokalemic patients for liver transplantation. Khoury GF, et al. **Anesthesiology** 1990 Aug;73(2):337–40
Perioperative stroke risk in 173 consecutive patients with a past history of stroke. Landercasper J, et al. **Arch Surg** 1990 Aug;125(8):986–9
Hemodynamic status susceptible to slowing of heart rate during thermodilution cardiac output determination in anesthetized patients. Nishikawa T, et al. **Crit Care Med** 1990 Aug;18(8):841–4
Preanesthetic medication with rectal midazolam in children undergoing dental extractions. Roelofse JA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):791–7; discussion 797
Indirect memory for words presented during anaesthesia [letter] Jelicic M, et al. **Lancet** 1990 Jul 28;336(8709):249

ANESTHESIA, INHALATION

Problem with the Vapor vaporizer [letter] Driessen JJ, et al. **Anaesthesia** 1990 Jul;45(7):597
Awareness and pain during surgery [letter] Henshaw JS. **Anaesthesia** 1990 Jun;45(6):491–2
Single breath induction of anaesthesia [letter] Lee JJ. **Anaesthesia** 1990 Jun;45(6):491
Bain, Lack, Mera F and circle systems [letter] Nott MR. **Anaesthesia** 1990 Jun;45(6):501
Closed system use of isoflurane and enflurane [letter] Rigby R. **Anaesthesia** 1990 Jun;45(6):500
Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Karlsson BR, et al. **Anesth Analg** 1990 Aug;71(2):125–9
Additive contribution of nitrous oxide to halothane MAC in infants and children. Murray DJ, et al. **Anesth Analg** 1990 Aug;71(2):120–4
Effects of halothane on intraocular pressure in anesthetized children. Watcha MF, et al. **Anesth Analg** 1990 Aug; 71(2):181–4
Cardiovascular actions of common anesthetic adjuvants during desflurane (I-653) and isoflurane anesthesia in swine. Weiskopf RB, et al. **Anesth Analg** 1990 Aug;71(2):144–8
Does cardiopulmonary bypass alter enflurane requirements for anesthesia? Hall RI, et al. **Anesthesiology** 1990 Aug; 73(2):249–55
Failure of an oxygen flow control valve [letter] Khalil SN, et al. **Anesthesiology** 1990 Aug;73(2):355–6
Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90
Failure of the agent-specific filling device [letter] Riegle EV, et al. **Anesthesiology** 1990 Aug;73(2):353–4
The effects of transient hyperglycemia on brain glucose in rats anesthetized with halothane. Weglinski MR, et al. **Anesthesiology** 1990 Aug;73(2):291–6

ANESTHESIA, INTRAVENOUS

Tussive effect of fentanyl [letter] Ananthanarayan C. **Anaesthesia** 1990 Jul;45(7):595
Analysis of pentothal confirms decreased potency [letter] Masoud PJ. **Anesth Analg** 1990 Aug;71(2):208
Paralysis after long-term administration of vecuronium [letter] **Anesthesiology** 1990 Aug;73(2):364–6
Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. **Anesthesiology** 1990 Aug;73(2):230–5
Particulate contamination of an intact glass ampule [letter] Finkelstein A, et al. **Anesthesiology** 1990 Aug;73(2):362–3
A simple pocket calculator approach to predict anesthetic drug concentrations from pharmacokinetic data. Maitre PO, et al. **Anesthesiology** 1990 Aug;73(2):332–6
Effective therapeutic infusions produced by closed-loop feedback control of methohexital administration during total intravenous anesthesia with fentanyl. Schwilden H, et al. **Anesthesiology** 1990 Aug;73(2):225–9
Midazolam-fentanyl intravenous sedation in children: case report of respiratory arrest. Yaster M, et al. **Pediatrics** 1990 Sep;86(3):463–7

ANESTHESIA, LOCAL

The effect of epinephrine in local anesthesia on the survival of full- and split-thickness skin grafts: an experimental study. Wolfort S, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):535–40

ANESTHESIA, OBSTETRICAL

Can anesthetic-related maternal mortality be reduced? [letter] Conklin KA. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):253–4
The local anesthetic dose is an important issue in evaluation of effects of epidural analgesia in nulliparous women [letter] Della Puppa A, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):701–3
Walter Stoeckel (1871–1961). A pioneer of regional analgesia in obstetrics. Doughty A. **Anaesthesia** 1990 Jun; 45(6):468–71
Epidural anaesthesia and von Willebrand's disease. Milaskiewicz RM, et al. **Anaesthesia** 1990 Jun;45(6):462–4
A re-evaluation of the Whitacre spinal needle in obstetric anaesthesia--a pilot study [letter] Thomas TA, et al. **Anaesthesia** 1990 Jun;45(6):489
Vecuronium for rapid-sequence intubation for cesarean section. Hawkins JL, et al. **Anesth Analg** 1990 Aug; 71(2):185–90
Epidural anaesthesia and long term backache after childbirth. MacArthur C, et al. **BMJ** 1990 Jul 7;301(6742):9–12
The availability of epidural anaesthesia and analgesia in obstetrics. Hibbard BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):402–5
Effects of epidural block with lignocaine and lignocaine-adrenaline on umbilical artery velocity wave ratios. Marx GF, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):517–20
Anaesthesia for emergency caesarean section. Morgan BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):420–4

ANESTHESIA, SPINAL

Postdural puncture headache with 29-gauge spinal needles [letter] Fitzgibbon D, et al. **Anaesthesia** 1990 Jul;45(7):593
Painful onset of intrathecal blockade. Read MS, et al. **Anaesthesia** 1990 Jun;45(6):460–1
Device to maintain the position of a 29-gauge spinal needle [letter] Simsa J. **Anaesthesia** 1990 Jul;45(7):593–4
A re-evaluation of the Whitacre spinal needle in obstetric anaesthesia--a pilot study [letter] Thomas TA, et al. **Anaesthesia** 1990 Jun;45(6):489
Microcatheters for continuous spinal anesthesia [letter] **Anesth Analg** 1990 Aug;71(2):200–3
High spinal anesthesia does not depress central nervous system function as measured by central conduction time and somatosensory evoked potentials. Lang E, et al. **Anesth Analg** 1990 Aug;71(2):176–80
Life-threatening apnea following spinal anesthesia in former premature infants. Cox RG, et al. **Anesthesiology** 1990 Aug; 73(2):345–7

ANESTHESIOLOGY

Investigating the nature of the morbidity and mortality conference. Biddle C, et al. **Acad Med** 1990 Jun;65(6):420
Checklists and patient safety. Charlton JE. **Anaesthesia** 1990 Jun;45(6):425–6 (12 ref.)
An unusual cause of gas pipeline failure [letter] Ewart IA. **Anaesthesia** 1990 Jun;45(6):498
Anaesthesia simulators and training devices [editorial] Good ML. **Anaesthesia** 1990 Jul;45(7):525–6
Drug usage by anaesthetists [letter] Mirakhur RK. **Anaesthesia** 1990 Jun;45(6):500–1
Cytogenetic damage in operation theatre personnel. Natarajan D, et al. **Anaesthesia** 1990 Jul;45(7):574–7
A simple pediatric arm or leg protector [letter] Meyer PD. **Anesth Analg** 1990 Aug;71(2):204–5

ANESTHETICS

Potential bacterial contamination in fluorescein-anesthetic solutions. Duffner LR, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):199–202
A simple pocket calculator approach to predict anesthetic drug concentrations from pharmacokinetic data. Maitre PO, et al. **Anesthesiology** 1990 Aug;73(2):332–6
Sufentanil does not increase cerebral blood flow in healthy human volunteers. Mayer N, et al. **Anesthesiology** 1990 Aug;73(2):240–3
Somatostatin monoclonal antibody immunoneutralization increases gastrin and gastric acid secretion in urethane-anesthetized rats. Yang H, et al. **Gastroenterology** 1990 Sep;99(3):659–65

ANESTHETICS, LOCAL

Fundamental properties of local anesthetics. II. Measured octanol:buffer partition coefficients and pKa values of clinically used drugs. Strichartz GR, et al. **Anesth Analg** 1990 Aug;71(2):158–70

ANEUPLOIDY

Abnormal DNA ploidy and proliferative patterns in superficial colonic epithelium adjacent to colorectal cancer. Ngoi SS, et al. **Cancer** 1990 Sep 1;66(5):953–9
Flow cytometric analysis of DNA content in laryngeal cancer. Feinmesser R, et al. **J Laryngol Otol** 1990 Jun; 104(6):485–7
Correlation of in vitro bromodeoxyuridine labeling index and DNA aneuploidy with survival or recurrence in brain-tumor patients. Nishizaki T, et al. **J Neurosurg** 1990 Sep;73(3):396–400

ANEURYSM

Geniculate artery pseudoaneurysm: a rare complication of arthroscopic surgery [letter] Armato DP, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):659
Pseudoaneurysm of the inferior epigastric artery: diagnosis and percutaneous treatment. Gage TS, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):529–30
Current trends in the diagnosis and treatment of hepatic artery aneurysms. Blue JM, et al. **South Med J** 1990 Aug; 83(8):966–9 (10 ref.)
Pancreaticoduodenal artery aneurysms: changing patterns. Granke K, et al. **South Med J** 1990 Aug;83(8):918–21 (21 ref.)

ANEURYSM, DISSECTING

Dissecting aortic aneurysm eight years after aortic commissurotomy for congenital aortic stenosis: detailed identification by transesophageal echocardiography. Porter T, et al. **Am Heart J** 1990 Sep;120(3):716–8
Echocardiographic diagnosis of unruptured aneurysm of the sinus of Valsalva dissecting into the ventricular septum. Dev V, et al. **Am J Cardiol** 1990 Aug 15;66(4):502–3
Postpartum coronary artery dissection followed by heart transplantation. Curiel P, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):538–9
Repair of thoracic dissections [letter] Hammond GL. **Ann Thorac Surg** 1990 Aug;50(2):330
Excision of the aortic wall in the surgical treatment of acute type-A aortic dissection. Massimo CG, et al. **Ann Thorac Surg** 1990 Aug;50(2):274–6
Chest pain and increased CK-MB enzyme levels [clinical conference] Georgiou D, et al. **Chest** 1990 Aug;98(2):442–7
Spontaneous dissection of the intrapetrous internal carotid artery. Saeed SR, et al. **J Laryngol Otol** 1990 Jun; 104(6):491–3
Spontaneous isolated innominate artery dissection. Kanady K, et al. **Neurology** 1990 Aug;40(8):1315–7

ANEURYSM, INFECTED

Acquired aneurysm of ascending aorta in childhood [letter] Ferreira MJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):318–20

ANGER

Role of anger in posttraumatic stress [letter] Norman EC. **Am J Psychiatry** 1990 Sep;147(9):1253

ANGINA PECTORIS

Comparative sensitivity of intracoronary injection of acetylcholine for the induction of coronary spasm in patients with various types of angina pectoris. Miwa K, et al. **Am Heart J** 1990 Sep;120(3):544–50

Coronary angioplasty for medically refractory unstable angina within 30 days of acute myocardial infarction. Morrison DA. **Am Heart J** 1990 Aug;120(2):256–61

Angina: evolution of the role of nitrates. Scheidt S. **Am Heart J** 1990 Sep;120(3):757–61; discussion 769–72 (36 ref.)

Unstable angina or non-Q wave infarction despite long-term aspirin: response to thrombolytic therapy with implications on mechanisms. Schreiber TL, et al. **Am Heart J** 1990 Aug; 120(2):248–55

Nifedipine and isosorbide dinitrate alone and in combination for patients with chronic stable angina: a double-blind crossover study. Vlay SC, et al. **Am Heart J** 1990 Aug; 120(2):303–7

Preservation of left ventricular performance with reduced ischemic dysfunction by intravenous nisoldipine. Kimball BP, et al. **Am J Cardiol** 1990 Aug 15;66(4):400–5

Urban angina, urban arrhythmias: carbon monoxide and the heart [editorial; comment] Walden SM, et al. **Ann Intern Med** 1990 Sep 1;113(5):337–8. Comment on: Ann Intern Med 1990 Sep 1;113(5):343–51.

Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8

Automated quantitation of indexes of coronary lesion complexity. Comparison between patients with stable and unstable angina. Kalbfleisch SJ, et al. **Circulation** 1990 Aug; 82(2):439–47

Intravenous recombinant tissue-type plasminogen activator in patients with unstable angina pectoris. Results of a placebo-controlled, randomized trial. Williams DO, et al. **Circulation** 1990 Aug;82(2):376–83

Chest pain with normal coronary angiograms: is the heart innocent or guilty? [comment] Cannon RO 3d. **J Am Coll Cardiol** 1990 Sep;16(3):596–8. Comment on: J Am Coll Cardiol 1990 Sep;16(3):586–95.

Increased myocardial perfusion at rest and diminished perfusion reserve in patients with angina and angiographically normal coronary arteries [see comments] Geltman EM, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):586–95. Comment in: J Am Coll Cardiol 1990 Sep;16(3):596–8.

Effect of coronary angioplasty on electrocardiographic changes in patients with unstable angina secondary to left anterior descending coronary artery disease. Shawl FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):325–31

Pharmacodynamic study of F(ab')2 fragments of murine monoclonal antibody 7E3 directed against human platelet glycoprotein IIb/IIIa in patients with unstable angina pectoris. Gold HK, et al. **J Clin Invest** 1990 Aug; 86(2):651–9

How maximal is "maximum"? [letter] Lim R. **Lancet** 1990 Aug 25;336(8713):517

Myocardial ischemia caused by distal coronary-artery constriction in stable angina pectoris. Pupita G, et al. **N Engl J Med** 1990 Aug 23;323(8):514–20

ANGIOGRAPHY

Clinical and angiographic recurrence following PTCA for nonacute total occlusions: comparison of one- versus five-minute inflations. DiSciascio G, et al. **Am Heart J** 1990 Sep;120(3):529–32

Coronary collaterals in acute myocardial infarction without underlying coronary stenosis. Edwards RR, et al. **Am Heart J** 1990 Aug;120(2):424–7

Acute ventricular septal rupture: perspectives on the current role of ventriculography and coronary arteriography and their implication for surgical repair. Topaz O, et al. **Am Heart J** 1990 Aug;120(2):412–7 (31 ref.)

Role of routine arteriography in blunt lower-extremity trauma. Applebaum R, et al. **Am J Surg** 1990 Aug; 160(2):221–4; discussion 224–5

A comparative study of intraoperative angioscopy and completion arteriography following femorodistal bypass. Baxter BT, et al. **Arch Surg** 1990 Aug;125(8):997–1002

A new method of angiographic runoff evaluation in femorodistal reconstructions. Significant correlation with early graft patency. Karacagil S, et al. **Arch Surg** 1990 Aug; 125(8):1055–8

Automated quantitation of indexes of coronary lesion complexity. Comparison between patients with stable and unstable angina. Kalbfleisch SJ, et al. **Circulation** 1990 Aug; 82(2):439–47

The association of payer with utilization of cardiac procedures in Massachusetts [see comments] Wenneker MB, et al. **JAMA** 1990 Sep 12;264(10):1255–60. Comment in: JAMA 1990 Sep 12;264(10):1294–5.

Renal functional response to dopamine during and after arteriography in patients with chronic renal insufficiency. Hans B, et al. **Radiology** 1990 Sep;176(3):651–4

ANGIOGRAPHY, DIGITAL SUBTRACTION

Cardiac phase-related variability of border detection or densitometric quantitation of postangioplasty lumens. Katritsis D, et al. **Am Heart J** 1990 Sep;120(3):537–43

Throwing out the baby with the bathwater [letter] Stevens JM, et al. **Br J Surg** 1990 Jul;77(7):835

Intravascular ultrasonography versus digital subtraction angiography: a human in vivo comparison of vessel size and morphology. Davidson CJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):633–6

ANGIOKERATOMA CORPORIS DIFFUSUM

Combined atrioventricular block and sinus node dysfunction in Fabry's disease. Suzuki M, et al. **Am Heart J** 1990 Aug; 120(2):438–40

ANGIOMATOSIS

Islet cell tumors in von Hippel-Lindau disease: increased prevalence and relationship to the multiple endocrine neoplasias. Binkovitz LA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):501–5

Visceral bacillary epithelioid angiomatosis: possible manifestations of disseminated cat scratch disease in the immunocompromised host: a report of two cases. Kemper CA, et al. **Am J Med** 1990 Aug;89(2):216–22

Papillary cystadenoma of the broad ligament in von Hippel-Lindau disease. Korn WT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):596–8

Diffuse angiomatosis of the extremities presenting as a sarcoma. Allenby PA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):987–90

Carcinoid tumour of the common bile duct—a novel complication of von Hippel-Lindau syndrome. Fellows IW, et al. **Gut** 1990 Jun;31(6):728–9

ANGIONEUROTIC EDEMA

Severe angioedema related to ACE inhibitors in patients with a history of idiopathic angioedema. Orfan N, et al. **JAMA** 1990 Sep 12;264(10):1287–9

ANGIOPLASTY, TRANSLUMINAL

Percutaneous balloon angioplasty of congenital aortic stenosis and associated aortic coarctation in an adult. Bahl VK, et al. **Am Heart J** 1990 Aug;120(2):432–3

Balloon angioplasty for congenital mitral stenosis. Spevak PJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):472–6

Improved patient selection for angioplasty utilizing color Doppler imaging. Collier P, et al. **Am J Surg** 1990 Aug; 160(2):171–4

Initial results and subsequent outcome of laser thermal-assisted balloon angioplasty of 56 consecutive femoropopliteal lesions. Feinberg RL, et al. **Am J Surg** 1990 Aug;160(2):166–9; discussion 169–70

Lasers in vascular surgery. Beal K, et al. **Nurs Clin North Am** 1990 Sep;25(3):711–8 (12 ref.)

ANGIOPLASTY, TRANSLUMINAL, PERCUTANEOUS CORONARY

Management comparison for acute myocardial infarction: direct angioplasty versus sequential thrombolysis-angioplasty. Beauchamp GD, et al. **Am Heart J** 1990 Aug;120(2):237–42

Clinical and angiographic recurrence following PTCA for nonacute total occlusions: comparison of one- versus five-minute inflations. DiSciascio G, et al. **Am Heart J** 1990 Sep;120(3):529–32

PTCA following myocardial infarction: use of bailout fibrinolysis to improve results. Haft JI, et al. **Am Heart J** 1990 Aug;120(2):243–7

Buccal nitroglycerin decreases ischemic pain during coronary angioplasty: a double-blind, randomized, placebo-controlled study. Johansson SR, et al. **Am Heart J** 1990 Aug;120(2):275–81

High-dose contrast agent administration during complex coronary angioplasty. Kahn JK, et al. **Am Heart J** 1990 Sep;120(3):533–6

Cardiac phase-related variability of border detection or densitometric quantitation of postangioplasty lumens. Katritsis D, et al. **Am Heart J** 1990 Sep;120(3):537–43

Inadvertent "atherectomy" during ostial right coronary artery angioplasty. Lasala JM, et al. **Am Heart J** 1990 Aug; 120(2):423–4

Coronary angioplasty for medically refractory unstable angina within 30 days of acute myocardial infarction. Morrison DA. **Am Heart J** 1990 Aug;120(2):256–61

Recovery of regional myocardial dysfunction after successful coronary angioplasty early after a non-Q wave myocardial infarction. Suryapranata H, et al. **Am Heart J** 1990 Aug; 120(2):261–9

Update on mechanical intervention in acute myocardial infarction. Vlay SC. **Am Heart J** 1990 Sep;120(3):734–8

Coronary angioplasty for chronic total occlusion reduces the need for subsequent coronary bypass surgery. Warren RJ, et al. **Am Heart J** 1990 Aug;120(2):270–4

ST monitoring for myocardial ischemia during and after coronary angioplasty. Mizutani M, et al. **Am J Cardiol** 1990 Aug 15;66(4):389–93

Percutaneous transluminal coronary angioplasty in octogenarians. Jeroudi MO, et al. **Ann Intern Med** 1990 Sep 15;113(6):423–8

Percutaneous transluminal coronary angioplasty: what next? [editorial] Sigwart U. **Br Heart J** 1990 Jun;63(6):321–2

Acute coronary occlusion after recent coronary angioplasty. Association with exercise and successful treatment with intracoronary thrombolysis. Bedogni F, et al. **Chest** 1990 Aug;98(2):505–7

Percutaneous transluminal angioplasty in patients with multivessel coronary disease: how important is complete revascularization for cardiac event-free survival? Bell MR, et al. **J Am Coll Cardiol** 1990 Sep;16(3):553–62

Role of thrombolysis and thrombin in patients with acute coronary occlusion during percutaneous transluminal coronary angioplasty. Gulba DC, et al. **J Am Coll Cardiol** 1990 Sep;16(3):563–8

Angiographic patterns of balloon inflation during percutaneous transluminal coronary angioplasty: role of pressure-diameter curves in studying distensibility and elasticity of the stenotic lesion and the mechanism of dilation [see comments] Hjemdahl-Monsen CE, et al. **J Am Coll Cardiol** 1990 Sep;16(3):569–75. Comment in: J Am Coll Cardiol 1990 Sep;16(3):576–7.

Is there a role for multivessel coronary angioplasty early after acute myocardial infarction? [editorial; comment] Kennedy JW. **J Am Coll Cardiol** 1990 Sep;16(3):551–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):545–50.

Percutaneous transluminal coronary angioplasty: is what we see what we get? [editorial; comment] Kleiman NS, et al. **J Am Coll Cardiol** 1990 Sep;16(3):576–7. Comment on: J Am Coll Cardiol 1990 Sep;16(3):569–75.

Assessment of "silent" restenosis and long-term follow-up after successful angioplasty in single vessel coronary artery disease: the value of quantitative exercise electrocardiography and quantitative coronary angiography. Laarman G, et al. **J Am Coll Cardiol** 1990 Sep;16(3):578–85

Clinical and angiographic results of balloon-expandable intracoronary stents in right coronary artery stenoses. Levine MJ, et al. **J Am Coll Cardiol** 1990 Aug;16(2):332–9

Multivessel coronary angioplasty early after acute myocardial infarction [see comments] Nath A, et al. **J Am Coll Cardiol** 1990 Sep;16(3):545–50. Comment in: J Am Coll Cardiol 1990 Sep;16(3):551–2.

Effect of coronary angioplasty on electrocardiographic changes in patients with unstable angina secondary to left anterior descending coronary artery disease. Shawl FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):325–31

Percutaneous coronary laser balloon angioplasty: initial results of a multicenter experience. Spears JR, et al. **J Am Coll Cardiol** 1990 Aug;16(2):293–303

Evidence for altered epicardial coronary artery autoregulation as a cause of distal coronary vasoconstriction after successful percutaneous transluminal coronary angioplasty. Fischell TA, et al. **J Clin Invest** 1990 Aug;86(2):575–84

Percutaneous coronary angioplasty with mid-infrared laser and a new multifibre catheter [letter] Geschwind HJ, et al. **Lancet** 1990 Jul 28;336(8709):245–6

ANGIOTENSIN II

Changes in platelet angiotensin II binding sites associated with the human menstrual cycle. Baker PN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):175–6

A potential role for phospholipase-D in the angiotensin-II-induced stimulation of aldosterone secretion from bovine adrenal glomerulosa cells. Bollag WB, et al. **Endocrinology** 1990 Sep;127(3):1436–43

Effects of carotid occlusion and angiotensin II on vasopressin secretion in intact and vagotomized conscious rabbits. Hreash F, et al. **Endocrinology** 1990 Sep;127(3):1160–6

Cytosolic calcium and aldosterone response patterns of rat adrenal glomerulosa cells stimulated by vasopressin: comparison with angiotensin II. Quinn SJ, et al. **Endocrinology** 1990 Aug;127(2):541–8

Angiotensin II (AII)-related idiotypic network. III. Comparative analysis of idiotopes and paratopes borne by monoclonal antibodies raised against AII (AB1) and its internal image (AB3). Budisavljevic M, et al. **J Immunol** 1990 Sep 1;145(5):1440–9

The effect of hypoxia on angiotensin-stimulated release of PGI2 from the splanchnic bed. Reed M, et al. **J Trauma** 1990 Aug;30(8):993–8; discussion 998–9

ANGIOTENSIN-CONVERTING ENZYME INHIBITORS

All patients with left ventricular systolic dysfunction should be treated with an angiotensin-converting enzyme inhibitor: a protagonist's viewpoint. Massie BM. **Am J Cardiol** 1990 Aug 15;66(4):439–43 (29 ref.)

Outcome of renal crisis in systemic sclerosis: relation to availability of angiotensin converting enzyme (ACE) inhibitors. Steen VD, et al. **Ann Intern Med** 1990 Sep 1; 113(5):352–7

Severe angioedema related to ACE inhibitors in patients with a history of idiopathic angioedema. Orfan N, et al.

JAMA 1990 Sep 12;264(10):1287-9
Renal artery stenosis and peripheral vascular disease: implications for ACE inhibitor therapy [letter] Salmon P, et al. **Lancet** 1990 Aug 4;336(8710):321

ANIMAL DISEASES

Treatment of behavioral disorders in animals [letter] Rapoport JL. **Am J Psychiatry** 1990 Sep;147(9):1249

ANIMAL WELFARE

Animal rights and human rights. It's time to pull the frog out of the pot. Bailey BJ.
Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1017-8
Analysis of animal rights literature reveals the underlying motives of the movement: ammunition for counter offensive by scientists. Nicoll CS, et al. **Endocrinology** 1990 Sep;127(3):985-9

ANIMALS, LABORATORY

Lyme borreliosis in laboratory animals: effect of host species and in vitro passage of Borrelia burgdorferi. Moody KD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):87-92
Animal rights and human rights. It's time to pull the frog out of the pot. Bailey BJ.
Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1017-8
Analysis of animal rights literature reveals the underlying motives of the movement: ammunition for counter offensive by scientists. Nicoll CS, et al. **Endocrinology** 1990 Sep;127(3):985-9
Animals in research: a quote out of context [letter] Beeson PB. **JAMA** 1990 Sep 5;264(9):1105

ANIMALS, NEWBORN

Dose response of thyrotropin-releasing hormone on pulmonary maturation in corticosteroid-treated preterm rabbits. Tabor BL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):669-76
Mechanisms for reduced total lung capacity at birth and during hyaline membrane disease in premature newborn monkeys. Jackson JC, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):413-9
The concentration of calcium in neonatal cardioplegia. Zweng TN, et al. **Ann Thorac Surg** 1990 Aug;50(2):262-7
Zinc protoporphyrin administration for suppression of increased bilirubin production by iatrogenic hemolysis in rhesus neonates. Vreman HJ, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):292-7

ANKLE

Torsional strength of the ankle in vitro [letter] Manoli A 2d. **Clin Orthop** 1990 Aug;(257):310-1
Malunited ankle fractures. The late results of reconstruction. Marti RK, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):709-13
Late lengthening of the fibula for malaligned ankle fractures. Ward AJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):714-7
Posttraumatic ankle joint infection with Arcanobacterium haemolyticum: a case report [letter] Hoosen AA, et al. **J Infect Dis** 1990 Sep;162(3):780-1

ANKLE JOINT

Hindfoot arthrodesis in adults utilizing a dowel graft technique. Cracchiolo A 3d, et al. **Clin Orthop** 1990 Aug; (257):193-203
Static or dynamic repair of chronic lateral ankle instability. A prospective randomized study. Larsen E. **Clin Orthop** 1990 Aug;(257):184-92
Posttraumatic ankle joint infection with Arcanobacterium haemolyticum: a case report [letter] Hoosen AA, et al. **J Infect Dis** 1990 Sep;162(3):780-1
Imaging of the foot and ankle. Pavlov H.
Radiol Clin North Am 1990 Sep;28(5):991-1018 (71 ref.)

ANKYLOSIS

Temporomandibular joint ankylosis following mastoiditis: report of a case. Faerber TH, et al.
J Oral Maxillofac Surg 1990 Aug;48(8):866-70
Bony ankylosis of the temporomandibular joint: case report of a child treated with delrin condylar implants. Westermark AH, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):861-5

ANOPHELES

Natural malaria infections in anophelines in Rondonia State, Brazilian Amazon. de Oliveira-Ferreira J, et al.
Am J Trop Med Hyg 1990 Jul;43(1):6-10
Malaria transmission and vector biology in Manarintsoa, high plateaux of Madagascar. Fontenille D, et al.
Am J Trop Med Hyg 1990 Aug;43(2):107-15
Plasmodium falciparum infection rates in Anopheles gambiae, An. arabiensis, and An. funestus in western Kenya. Taylor KA, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):124-9

ANOPHTHALMOS

The role of tissue expanders in an anophthalmic animal model. Lo AK, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):399-408; discussion 409-10

ANOREXIA NERVOSA

Anorexia nervosa in 19th century America. Vandereycken W, et al. **J Nerv Ment Dis** 1990 Aug;178(8):531-5
Medical complications of anorexia nervosa and bulimia nervosa. Comerci GD. **Med Clin North Am** 1990 Sep; 74(5):1293-310 (54 ref.)
Decreased bone density in adolescent girls with anorexia nervosa. Bachrach LK, et al. **Pediatrics** 1990 Sep; 86(3):440-7

ANOSMIA

Anosmia and isolated ACTH deficiency following a road traffic accident. Case report. Scoble JE, et al.
J Neurosurg 1990 Sep;73(3):453-4

ANOXEMIA

Postoperative hypoxaemia: mechanisms and time course. Jones JG, et al. **Anaesthesia** 1990 Jul;45(7):566-73 (37 ref.)
Hypoxemia during cardiopulmonary bypass [letter] Belcher P, et al. **Ann Thorac Surg** 1990 Aug;50(2):336
Pulmonary capillary pressures during hypoxia and hypoxemia [letter] Smith TC. **Crit Care Med** 1990 Aug;18(8):899-901

ANOXIA

Naloxone increases ventilatory response to hypercapnic hypoxia in healthy adult humans. Akiyama Y, et al.
Am Rev Respir Dis 1990 Aug;142(2):301-5
Perinatal hypoxia increases hypoxic pulmonary vasoconstriction in adult rats recovering from chronic exposure to hypoxia. Hampl V, et al.
Am Rev Respir Dis 1990 Sep;142(3):619-24
Effects of nitrendipine and hypoxia on pulmonary vascular resistance in experimental emphysema. Rubin LJ, et al.
Am Rev Respir Dis 1990 Sep;142(3):625-30
Enhancement of hypoxic pulmonary vasoconstriction by metabolic acidosis in dogs. Lejeune P, et al.
Anesthesiology 1990 Aug;73(2):256-64
Relative roles of Ca2(+)-dependent and Ca2(+)-independent mechanisms in hypoxic contractile dysfunction [see comments] Koretsune Y, et al.
Circulation 1990 Aug;82(2):528-35. Comment in: Circulation 1990 Aug;82(20:652-4.
Pulmonary capillary pressures during hypoxia and hypoxemia [letter] Smith TC. **Crit Care Med** 1990 Aug;18(8):899-901
Oxygen tension regulates the expression of the platelet-derived growth factor-B chain gene in human endothelial cells. Kourembanas S, et al. **J Clin Invest** 1990 Aug;86(2):670-4
The effect of hypoxia on angiotensin-stimulated release of PGI2 from the splanchnic bed. Reed M, et al.
J Trauma 1990 Aug;30(8):993-8; discussion 998-9

ANTACIDS

The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al.
Ann Emerg Med 1990 Jul;19(7):785-8
Bismuth and dyspepsia. **Lancet** 1990 Aug 25;336(8713):472-3 (10 ref.)

ANTERIOR CHAMBER

Biometric variables in patients with occludable anterior chamber angles. Panek WC, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):185-8

ANTHRANILIC ACIDS

Double-blind comparison of meclofenamate sodium plus codeine, meclofenamate sodium, codeine, and placebo for relief of pain following surgical removal of third molars. Giglio JA, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):785-90

ANTHROPOMETRY

Evaluation of accuracy and reliability of calipers for measuring recumbent knee height in elderly people. Cockram DB, et al. **Am J Clin Nutr** 1990 Aug; 52(2):397-400
Anthropometric evaluation of children with chronic liver disease. Sokol RJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):203-8

ANTI-ARRHYTHMIA AGENTS

A comparison of antiarrhythmic drugs for the suppression of ventricular ectopic depolarizations: a meta-analysis. Salerno DM, et al. **Am Heart J** 1990 Aug;120(2):340-53
Should complex ventricular arrhythmias in patients with congestive heart failure be treated? A protagonist's viewpoint. Anderson JL. **Am J Cardiol** 1990 Aug 15; 66(4):447-50 (30 ref.)
Should asymptomatic ventricular arrhythmia in patients with congestive heart failure be treated? An antagonist's viewpoint. Podrid PJ, et al. **Am J Cardiol** 1990 Aug 15; 66(4):451-7 (34 ref.)
Postinfarction ventricular tachycardia and fibrillation: reassessing the role of drug therapy and approach to the high risk patient [editorial; comment] Peter CT, et al.
J Am Coll Cardiol 1990 Sep;16(3):531-2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):521-30.
New approaches to treatment of incessant ventricular tachycardia in the very young. Zeigler VL, et al.
J Am Coll Cardiol 1990 Sep;16(3):681-5

ANTIBIOTICS

Addition of parenteral cefoxitin to regimen of oral antibiotics for elective colorectal operations. A randomized prospective study. Schoetz DJ Jr, et al. **Ann Surg** 1990 Aug;212(2):209-12
Antibiotic treatment of suspected neonatal meningitis [letter] **Arch Dis Child** 1990 Jul;65(7):810
Effects of a rapid antigen test for group A streptococcal pharyngitis on physician prescribing and antibiotic costs. Meier FA, et al. **Arch Intern Med** 1990 Aug; 150(8):1696-700
Acute otitis media [letter] **BMJ** 1990 Jun 9;300(6738):1524
Antibiotic-associated acute necrotizing esophagitis [letter] Mangan TF, et al. **Gastroenterology** 1990 Sep;99(3):900
Clostridium difficile infection in orthopaedic patients. Clarke HJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1056-9
Respiratory viruses interfere with bacteriologic response to antibiotic in children with acute otitis media. Chonmaitree T, et al. **J Infect Dis** 1990 Aug;162(2):546-9
The vir locus affects the response of Bordetella pertussis to antibiotics: phenotypic tolerance and control of autolysis. Tuomanen E, et al. **J Infect Dis** 1990 Aug;162(2):560-3
Prophylactic antibiotics and post-laryngectomy fistulae [letter] Hussain A, et al. **J Laryngol Otol** 1990 Jul;104(7):591
Antibiotics for marine vibrios [letter] French GL. **Lancet** 1990 Sep 1;336(8714):568-9
The new antimicrobial agents. When they're the best choice and when they're not. Rey AM, et al. **Postgrad Med** 1990 Aug;88(2):64-8, 71-3, 77-81 (46 ref.)
Use of antimicrobials for patients undergoing prostatectomy. Hofer DR, et al. **Urol Clin North Am** 1990 Aug; 17(3):595-600 (36 ref.)

ANTIBIOTICS, AMINOGLYCOSIDE

Adaptive resistance to aminoglycoside antibiotics from first-exposure down-regulation. Daikos GL, et al.
J Infect Dis 1990 Aug;162(2):414-20
The inductive role of ionic binding in the bactericidal and postexposure effects of aminoglycoside antibiotics with implications for dosing. Jackson GG, et al. **J Infect Dis** 1990 Aug;162(2):408-13

ANTIBIOTICS, LACTAM

Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705-10

ANTIBODIES

Immunoglobulin G fractions from patients with antiphospholipid antibodies cause fetal death in BALB/c mice: a model for autoimmune fetal loss. Branch DW, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):210-6
Antisperm antibodies in women undergoing intrauterine insemination. Goldberg JM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):65-8
Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Naz RK, et al.
Am J Obstet Gynecol 1990 Aug;163(2):610-3
Recurrent adverse pregnancy outcome and antiphospholipid antibodies. Reece EA, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):162-9 (69 ref.)
Immunoreactivity of protamine preparations used to reverse heparin anticoagulation. Adourian UA, et al.
Anesthesiology 1990 Aug;73(2):328-31
Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides. Buckee C, et al.
Br J Rheumatol 1990 Aug;29(4):254-8
Cardiac abnormalities in systemic lupus erythematosus. Association with raised anticardiolipin antibodies [see comments] Nihoyannopoulos P, et al. **Circulation** 1990 Aug; 82(2):369-75. Comment in: Circulation 1990 Aug;82(2):636-8.
Antiphospholipid antibodies. A marker of lupus carditis? [comment] O'Rourke RA. **Circulation** 1990 Aug; 82(2):636-8. Comment on: Circulation 1990 Aug;82(2):369-75.
Monoclonal and polyclonal antibodies to human progesterone receptor peptide-(533-547) recognize a specific site in unactivated (8S) and activated (4S) progesterone receptor and distinguish between intact and proteolyzed receptors. Traish AM, et al. **Endocrinology** 1990 Sep;127(3):1167-75
Anticardiolipin antibodies and binding of anionic phospholipids and serum protein [letter] Harris EN, et al. **Lancet** 1990 Aug 25;336(8713):505-6

Antibodies to cerebellar soluble lectin in multiple sclerosis [letter] Hughes RA. **Lancet** 1990 Aug 18;336(8712):438–9
Deep venous thrombosis and antibodies to cyproterone acetate [letter] Leroy O, et al. **Lancet** 1990 Aug 25; 336(8713):509
Lack of association between anticardiolipin antibodies and heart valve disease in Chinese patients with systemic lupus erythematosus [letter] Li EK, et al. **Lancet** 1990 Aug 25; 336(8713):504–5

ANTIBODIES, ANTI-IDIOTYPIC

Angiotensin II (AII)-related idiotypic network. III. Comparative analysis of idiotopes and paratopes borne by monoclonal antibodies raised against AII (AB1) and its internal image (AB3). Budisavljevic M, et al. **J Immunol** 1990 Sep 1;145(5):1440–9
Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans. Czop JK, et al. **J Immunol** 1990 Aug 1; 145(3):995–1001
Monoclonal anti-idiotypic antibodies induce humoral immune responses specific for simian virus 40 large tumor antigen in mice. Shearer MH, et al. **J Immunol** 1990 Aug 1;145(3):932–9
Dose-dependent platelet stimulation and inhibition induced by anti-PIA1 IgG. Ryu T, et al. **J Lab Clin Med** 1990 Jul;116(1):91–9
Detection of anti-BCG secreting cells in cerebrospinal fluid [letter] Stutman HR, et al. **Lancet** 1990 Aug 25; 336(8713):514
Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatibility complex. Wasfie T, et al. **Surgery** 1990 Aug;108(2):431–40; discussion 440–1

ANTIBODIES, ANTINUCLEAR

HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. **Arthritis Rheum** 1990 Aug;33(8):1240–8 (55 ref.)

ANTIBODIES, BACTERIAL

Subclass distribution of IgG and IgA antibody response to Pseudomonas pseudoalcaligenes in humans exposed to infected metal-working fluid. Mattsby-Baltzer I, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):231–8
Comparison of ELISA antigen preparations alone or in combination for serodiagnosing Helicobacter pylori infections. Hirschl AM, et al. **J Clin Pathol** 1990 Jun; 43(6):511–3
Antibody response of fibrocystic patients to homologous 0-typable and 0-defective isolates of Pseudomonas aeruginosa. MacDougall J, et al. **J Clin Pathol** 1990 Jul; 43(7):567–71
Idiotope structure and genetic diversity in anti-streptococcal group A carbohydrate antibodies. Phillips NJ, et al. **J Immunol** 1990 Aug 1;145(3):915–24
IgG subclass response and opsonization of Streptococcus pneumoniae after vaccination of healthy adults. Bardardottir E, et al. **J Infect Dis** 1990 Aug;162(2):482–8
Seroepidemiologic evaluation of anti-toxic and anti-colonization factor immunity against infections by LT-producing Escherichia coli in rural Bangladesh. Clemens JD, et al. **J Infect Dis** 1990 Aug;162(2):448–53
Elevated antibody levels to mycobacterial 65-kDa stress protein in patients with superficial candidiasis. Ivanyi L, et al. **J Infect Dis** 1990 Aug;162(2):519–22
Response to tetanus toxoid immunization after allogeneic bone marrow transplantation. Ljungman P, et al. **J Infect Dis** 1990 Aug;162(2):496–500
Protective antibodies in pertussis [letter] Cherry JD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):347–8
Diagnostic tests for Lyme disease [letter] **JAMA** 1990 Aug 8;264(6):692–3
Antibodies to Helicobacter pylori in HIV infection [letter] Aceti A, et al. **Lancet** 1990 Sep 1;336(8714):571
Effect of breast-feeding on antibody response to conjugate vaccine. Pabst HF, et al. **Lancet** 1990 Aug 4; 336(8710):269–70
Detection of anti-BCG secreting cells in cerebrospinal fluid [letter] Stutman HR, et al. **Lancet** 1990 Aug 25; 336(8713):514

ANTIBODIES, FUNGAL

Antibody response to the 43 kDa glycoprotein of Paracoccidioides brasiliensis as a marker for the evaluation of patients under treatment. Giannini MJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):200–6

ANTIBODIES, HELMINTH

Reduced reproductive efficiency in mice with schistosomiasis mansoni and in uninfected pregnant mice injected with antibodies against Schistosoma mansoni soluble egg antigens. Amano T, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):180–5
Parasite-specific antibody response in Trichinella sp. 3 human infection: a one year follow-up. Bruschi F, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):186–93
The BALB/c mouse as a model for immunological studies of microfilariae-induced pulmonary eosinophilia. Egwang TG, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):61–6
Prevalence and comparison of serologic assays, necropsy, and tongue examination for the diagnosis of porcine cysticercosis in Peru. Gonzalez AE, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):194–9
Expression of cross-reactive, shared idiotypes on anti-SEA antibodies from humans and mice with schistosomiasis. Montesano MA, et al. **J Immunol** 1990 Aug 1;145(3):1002–8
Changes in antibody profile after treatment of human onchocerciasis. Lee SJ, et al. **J Infect Dis** 1990 Aug; 162(2):529–33

ANTIBODIES, HETEROPHILE

The vascular endothelial cell is central to xenogeneic immune reactivity. Haisch CE, et al. **Surgery** 1990 Aug; 108(2):306–11

ANTIBODIES, MONOCLONAL

Enzyme immunoassays for detection of malarial antigens in human plasmas by Plasmodium falciparum monoclonal antibodies. Dubarry M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):116–23
Typing of southern African isolates of Plasmodium falciparum using monoclonal antibodies. Freese JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):19–24
An antibody that facilitates hematopoietic engraftment recognizes CD44. Sandmaier BM, et al. **Blood** 1990 Aug 1;76(3):630–5
Platelet specific monoclonal antibody [letter] Rhys Davies E. **Br J Radiol** 1990 Jun;63(750):501
Immunohistochemical study of melanocytic nevus and malignant melanoma with monoclonal antibodies against S-100 subunits. Cho KH, et al. **Cancer** 1990 Aug 15; 66(4):765–71
Abnormal expression of G71 antibody at the epidermal basement membrane in basal cell carcinoma. Tidman MJ, et al. **Cancer** 1990 May 1;65(9):1955–9
Preparation of monoclonal antibodies against brain natriuretic peptide and their application to radioimmunoassay and passive immunization. Itoh H, et al. **Endocrinology** 1990 Sep;127(3):1292–300
Monoclonal antibodies as probes to study the human growth hormone-binding domain to lactogenic rat liver receptors. Roguin LP, et al. **Endocrinology** 1990 Sep;127(3):1009–15
Monoclonal and polyclonal antibodies to human progesterone receptor peptide-(533-547) recognize a specific site in unactivated (8S) and activated (4S) progesterone receptor and distinguish between intact and proteolyzed receptors. Traish AM, et al. **Endocrinology** 1990 Sep;127(3):1167–75
Mapping of an assembled epitope of human follicle-stimulating hormone-beta utilizing monoclonal antibodies, synthetic peptides, and hormone-receptor inhibition. Vakharia DD, et al. **Endocrinology** 1990 Aug; 127(2):658–66
Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.
Pharmacodynamic study of F(ab')2 fragments of murine monoclonal antibody 7E3 directed against human platelet glycoprotein IIb/IIIa in patients with unstable angina pectoris. Gold HK, et al. **J Clin Invest** 1990 Aug; 86(2):651–9
Production and characterisation of a monoclonal antibody to human papillomavirus type 16 using recombinant vaccinia virus. McLean CS, et al. **J Clin Pathol** 1990 Jun; 43(6):488–92
Angiotensin II (AII)-related idiotypic network. III. Comparative analysis of idiotopes and paratopes borne by monoclonal antibodies raised against AII (AB1) and its internal image (AB3). Budisavljevic M, et al. **J Immunol** 1990 Sep 1;145(5):1440–9
Homophilic binding of mouse monoclonal antibodies against GD3 ganglioside. Chapman PB, et al. **J Immunol** 1990 Aug 1;145(3):891–8
Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans. Czop JK, et al. **J Immunol** 1990 Aug 1; 145(3):995–1001
The autocrine production of transforming growth factor-beta 1 during lymphocyte activation. A study with a monoclonal antibody-based ELISA. Lucas C, et al. **J Immunol** 1990 Sep 1;145(5):1415–22
Evidence for a new HLA determinant that causes T cell activation without costimulation. Mittler RS, et al. **J Immunol** 1990 Aug 1;145(3):794–803
Monoclonal anti-idiotypic antibodies induce humoral immune responses specific for simian virus 40 large tumor antigen in mice. Shearer MH, et al. **J Immunol** 1990 Aug 1;145(3):932–9
Monoclonal antibody to endotoxin core protects mice from Escherichia coli sepsis by a mechanism independent of tumor necrosis factor and interleukin-6. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):454–9
Prophylactic and therapeutic effects of a monoclonal antibody to tumor necrosis factor-alpha in experimental gram-negative shock. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):421–7
Quantitative immunocytology in the management of patients with superficial bladder carcinoma. I. A marker to identify patients who do not require prophylaxis. Huland E, et al. **J Urol** 1990 Sep;144(3):637–9; discussion 639–40
Isolation of fetal trophoblast cells from peripheral blood of pregnant women. Mueller UW, et al. **Lancet** 1990 Jul 28; 336(8709):197–200
Prevention of diabetes in BB/Wor rats treated with monoclonal antibodies to interferon-gamma [letter] Nicoletti F, et al. **Lancet** 1990 Aug 4;336(8710):319
Neurotoxicity after treatment with muromonab-CD3 [letter] Richards JM, et al. **N Engl J Med** 1990 Aug 16;323(7):487–8
Prolonged survival of nonhuman primate renal allograft recipients treated only with anti-CD4 monoclonal antibody. Cosimi AB, et al. **Surgery** 1990 Aug; 108(2):406–13; discussion 413–4
Inhibition of CD18-dependent neutrophil adherence reduces organ injury after hemorrhagic shock in primates. Mileski WJ, et al. **Surgery** 1990 Aug;108(2):206–12

ANTIBODIES, NEOPLASM

Idiotype vaccination against murine B cell lymphoma. Humoral and cellular requirements for the full expression of antitumor immunity. Campbell MJ, et al. **J Immunol** 1990 Aug 1;145(3):1029–36

ANTIBODIES, PROTOZOAN

Elevated cerebroside antibody levels in human visceral and cutaneous leishmaniasis, Trypanosoma rangeli infection, and chronic Chagas' disease. Avila JL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):52–60
Enzyme immunoassays for detection of malarial antigens in human plasmas by Plasmodium falciparum monoclonal antibodies. Dubarry M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):116–23
The role of humoral immunity in Cryptosporidium spp. infection. Studies with B cell-depleted mice. Taghi-Kilani R, et al. **J Immunol** 1990 Sep 1;145(5):1571–6
Association of serum antibodies to adherence lectin with invasive amebiasis and asymptomatic infection with pathogenic Entamoeba histolytica. Ravdin JI, et al. **J Infect Dis** 1990 Sep;162(3):768–72

ANTIBODIES, VIRAL

Incidence of sand fly fever among Swedish United Nations soldiers on Cyprus during 1985. Eitrem R, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):207–11
Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. II. Safety and immunogenicity in humans. Hoke CH Jr, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):219–26
Epidemiology of genital herpes in Pittsburgh: serologic, sexual, and racial correlates of apparent and inapparent herpes simplex infections. Breinig MK, et al. **J Infect Dis** 1990 Aug;162(2):299–305
Prevalence and serotype specificity of rotavirus antibodies in different age groups of Ecuadorian infants. Brüssow H, et al. **J Infect Dis** 1990 Sep;162(3):615–20
Serologic evidence of respiratory syncytial virus infection in nursing home patients. Falsey AR, et al. **J Infect Dis** 1990 Aug;162(2):568–9
Antibodies to varicella-zoster virus glycoproteins I, II, and III in leukemic and healthy children. LaRussa PS, et al. **J Infect Dis** 1990 Sep;162(3):627–33
Effect of breast-feeding on oral rhesus rotavirus vaccine seroconversion: a metaanalysis. Pichichero ME. **J Infect Dis** 1990 Sep;162(3):753–5
Human parainfluenza virus induces a type-specific protective immune response. Ray R, et al. **J Infect Dis** 1990 Sep; 162(3):746–9

ANTIBODY-DEPENDENT CELL CYTOTOXICITY

Evaluation of the antibody-dependent cytotoxic capabilities of individual human monocytes. Role of Fc gamma RI and Fc gamma RII and the effects of cytokines at the single cell level. Connor RI, et al. **J Immunol** 1990 Sep 1; 145(5):1483–9
DF3 antigen, a human epithelial cell mucin, inhibits adhesion of eosinophils to antibody-coated targets. Hayes DF, et al. **J Immunol** 1990 Aug 1;145(3):962–70

ANTIBODY DIVERSITY

Angiotensin II (AII)-related idiotypic network. III. Comparative analysis of idiotopes and paratopes borne by monoclonal antibodies raised against AII (AB1) and its internal image (AB3). Budisavljevic M, et al. **J Immunol** 1990 Sep 1;145(5):1440–9

ANTIBODY FORMATION

Expression and characterization of a chimeric bifunctional antibody with therapeutic applications. Phelps JL, et al. **J Immunol** 1990 Aug 15;145(4):1200–4

Recombinant granulocyte-macrophage colony-stimulating factor restores deficient immune responses in mice with chronic Trypanosoma cruzi infections. Reed SG, et al. **J Immunol** 1990 Sep 1;145(5):1564–70
The role of humoral immunity in Cryptosporidium spp. infection. Studies with B cell-depleted mice. Taghi-Kilani R, et al. **J Immunol** 1990 Sep 1;145(5):1571–6

ANTIBODY SPECIFICITY

Expression and characterization of a chimeric bifunctional antibody with therapeutic applications. Phelps JL, et al. **J Immunol** 1990 Aug 15;145(4):1200–4

ANTICHOLESTEREMIC AGENTS

Effects of the ACAT inhibitor CL 277,082 on cholesterol metabolism in humans. Harris WS, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):189–94
Pharmacokinetics and pharmacodynamics of pravastatin alone and with cholestyramine in hypercholesterolemia. Pan HY, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):201–7

ANTICOAGULANTS

Atrial fibrillation. Thromboembolic risk and indications for anticoagulation. Wipf JE, et al. **Arch Intern Med** 1990 Aug; 150(8):1598–603 (64 ref.)
Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Rodgers GP, et al. **Circulation** 1990 Aug;82(2):560–9
Anticoagulation and prosthetic heart valves [letter] Brown J, et al. **N Engl J Med** 1990 Sep 13;323(11):756–7

ANTICONVULSANTS

Management of epilepsy during pregnancy and lactation. Brodie MJ. **Lancet** 1990 Aug 18;336(8712):426–7
New and potential anticonvulsants. Brodie MJ, et al. **Lancet** 1990 Aug 18;336(8712):425–6 (25 ref.)
New antiepileptic agents: strategies for drug development. Porter RJ. **Lancet** 1990 Aug 18;336(8712):423–4
Vigabatrin and behaviour disturbances [letter] Robinson MK, et al. **Lancet** 1990 Aug 25;336(8713):504
Treatment of epilepsy and febrile convulsions in children. Rylance GW. **Lancet** 1990 Aug 25;336(8713):488–91 (29 ref.)

ANTIDEPRESSIVE AGENTS

Bupropion in chronic fatigue syndrome [letter] Goodnick PJ. **Am J Psychiatry** 1990 Aug;147(8):1091
Bupropion treatment of attention-deficit hyperactivity disorder in adults. Wender PH, et al. **Am J Psychiatry** 1990 Aug;147(8):1018–20

ANTIDEPRESSIVE AGENTS, TRICYCLIC

Fluoxetine and elevated plasma levels of tricyclic antidepressants [letter] Downs JM, et al. **Am J Psychiatry** 1990 Sep;147(9):1251
Unnecessary confusion about opposite findings in two studies of tricyclic treatment of bipolar illness [letter] Wehr TA. **Arch Gen Psychiatry** 1990 Aug;47(8):787–8

ANTIDOTES

Studies of cobalamin as a vehicle for the renal excretion of cyanide anion. Williams HL, et al. **J Lab Clin Med** 1990 Jul;116(1):37–44

ANTIFUNGAL AGENTS

Pulmonary aspergillosis in mice: treatment with a new triazole SCH39304. Defaveri J, et al. **Am Rev Respir Dis** 1990 Sep;142(3):512–5
Azoles and AIDS. Larsen RA. **J Infect Dis** 1990 Sep; 162(3):727–30 (31 ref.)
Comparison of 0.8% and 1.6% terconazole cream in severe vulvovaginal candidiasis. Schmitt C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):414–6

ANTIGEN-ANTIBODY REACTIONS

Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864–9
Serologic and molecular characterization of a human monoclonal rheumatoid factor derived from rheumatoid synovial cells. Robbins DL, et al. **Arthritis Rheum** 1990 Aug;33(8):1188–95

ANTIGEN-PRESENTING CELLS

The action of bryostatin on normal human hematopoietic progenitors is mediated by accessory cell release of growth factors. Sharkis SJ, et al. **Blood** 1990 Aug 15;76(4):716–20
Immunohistological reassessment of accessory cell populations in normal and diseased human synovium. Wilkinson LS, et al. **Br J Rheumatol** 1990 Aug;29(4):259–63
Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42
MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. St.-Pierre Y, et al. **J Immunol** 1990 Aug 1; 145(3):812–8
Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Ertel W, et al. **Surgery** 1990 Aug;108(2):154–9; discussion 159–60

ANTIGENIC DETERMINANTS

Epithelial cells from normal human endometrium express a tumor-associated glycoprotein (TAG-72) epitope in vitro. Osteen KG, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):479–84
Abnormal expression of G71 antibody at the epidermal basement membrane in basal cell carcinoma. Tidman MJ, et al. **Cancer** 1990 May 1;65(9):1955–9
The orientation of the lutropin/choriogonadotropin receptor in rat luteal cells as revealed by site-specific antibodies. Rodriguez MC, et al. **Endocrinology** 1990 Aug; 127(2):674–81
Mapping of an assembled epitope of human follicle-stimulating hormone-beta utilizing monoclonal antibodies, synthetic peptides, and hormone-receptor inhibition. Vakharia DD, et al. **Endocrinology** 1990 Aug; 127(2):658–66
Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. Bessen D, et al. **J Immunol** 1990 Aug 15;145(4):1251–6
The in vivo elimination of CD4+ T cells prevents the induction but not the expression of carrier-induced epitopic suppression. Leclerc C, et al. **J Immunol** 1990 Sep 1; 145(5):1343–9
Evidence for a new HLA determinant that causes T cell activation without costimulation. Mittler RS, et al. **J Immunol** 1990 Aug 1;145(3):794–803

ANTIGENIC VARIATION

Variability of Trypanosoma cruzi epimastigote surface antigens with changes in the temperature of the cultures. O'Daly JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):44–51

ANTIGENS

Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Naz RK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):610–3
Cellular immune responses of patients with uveitis to retinal antigens and their fragments. de Smet MD, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):135–42
Effect of ozone inhalation on the response to nasal challenge with antigen of allergic subjects. Bascom R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):594–601
The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581–6
Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864–9
Antisera to a synthetic peptide recognize native and denatured rat estrogen receptors. Furlow JD, et al. **Endocrinology** 1990 Sep;127(3):1028–32
Relationship between the antigenic topography and the structure of human growth hormone. Mazza MM, et al. **Endocrinology** 1990 Sep;127(3):1002–8
Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. Kuchroo VK, et al. **J Immunol** 1990 Aug 15;145(4):1059–65
Antigenic challenge of immunized mice induces endogeneous production of IL-3 that increases histamine synthesis in hematopoietic organs. Lebel B, et al. **J Immunol** 1990 Aug 15;145(4):1222–6
Pulmonary surfactant suppresses the immune lung injury response to inhaled antigen in guinea pigs. Richman PS, et al. **J Lab Clin Med** 1990 Jul;116(1):18–26

ANTIGENS, BACTERIAL

Value of ELISA using A60 antigen in the diagnosis of active pulmonary tuberculosis. Charpin D, et al. **Am Rev Respir Dis** 1990 Aug;142(2):380–4
Effects of a rapid antigen test for group A streptococcal pharyngitis on physician prescribing and antibiotic costs. Meier FA, et al. **Arch Intern Med** 1990 Aug; 150(8):1696–700
Antibody response of fibrocystic patients to homologous 0-typable and 0-defective isolates of Pseudomonas aeruginosa. MacDougall J, et al. **J Clin Pathol** 1990 Jul; 43(7):567–71
Modification by sialic acid of Neisseria gonorrhoeae lipooligosaccharide epitope expression in human urethral exudates: an immunoelectron microscopic analysis. Apicella MA, et al. **J Infect Dis** 1990 Aug;162(2):506–12
Seroepidemiologic evaluation of anti-toxic and anti-colonization factor immunity against infections by LT-producing Escherichia coli in rural Bangladesh. Clemens JD, et al. **J Infect Dis** 1990 Aug;162(2):448–53

ANTIGENS, CD

Expression of CD15 antigen in urinary bladder transitional cell carcinoma. Parham DM, et al. **J Clin Pathol** 1990 Jul; 43(7):541–3
CD38 molecule: structural and biochemical analysis on human T lymphocytes, thymocytes, and plasma cells. Alessio M, et al. **J Immunol** 1990 Aug 1;145(3):878–84
NK1.1+ thymocytes. Adult murine CD4-, CD8- thymocytes contain an NK1.1+, CD3+, CD5hi, CD44hi, TCR-V beta 8+ subset. Ballas ZK, et al. **J Immunol** 1990 Aug 15;145(4):1039–45
Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. Cardenas L, et al. **J Immunol** 1990 Sep 1;145(5):1450–5
CD27 induction on thymocytes. Martorell J, et al. **J Immunol** 1990 Sep 1;145(5):1356–63

ANTIGENS, CD4

CD-3-mediated activation of MAP-2 kinase can be modified by ligation of the CD4 receptor. Evidence for tyrosine phosphorylation during activation of this kinase. Nel AE, et al. **J Immunol** 1990 Aug 1;145(3):971–9
A polyanion binding site on the CD4 molecule. Proximity to the HIV-gp120 binding region. Parish CR, et al. **J Immunol** 1990 Aug 15;145(4):1188–95
A distinct population of nonphagocytic and low level CD4+ null lymphocytes produce IFN-alpha after stimulation by herpes simplex virus-infected cells. Sandberg K, et al. **J Immunol** 1990 Aug 1;145(3):1015–20
Intraintestinal migration to the epithelium of protective, dividing, anti-Trichinella spiralis CD4+ OX22- cells requires MHC class II compatibility. Wang CH, et al. **J Immunol** 1990 Aug 1;145(3):1021–8
Prolonged survival of nonhuman primate renal allograft recipients treated only with anti-CD4 monoclonal antibody. Cosimi AB, et al. **Surgery** 1990 Aug; 108(2):406–13; discussion 413–4

ANTIGENS, DIFFERENTIATION

Host receptors for malaria-infected erythrocytes. Chulay JD, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):6–14 (37 ref.)
Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. de Mascarel I, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):953–5
Abnormal FcRIII expression by neutrophils from very preterm neonates. Carr R, et al. **Blood** 1990 Aug 1; 76(3):607–11
An antibody that facilitates hematopoietic engraftment recognizes CD44. Sandmaier BM, et al. **Blood** 1990 Aug 1;76(3):630–5
Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS-1 cells. Tran-Paterson R, et al. **Blood** 1990 Aug 15; 76(4):775–82
Soluble Fc gamma receptor III in human plasma originates from release by neutrophils. Huizinga TW, et al. **J Clin Invest** 1990 Aug;86(2):416–23
Expression of CD15 antigen in urinary bladder transitional cell carcinoma. Parham DM, et al. **J Clin Pathol** 1990 Jul; 43(7):541–3
CD38 molecule: structural and biochemical analysis on human T lymphocytes, thymocytes, and plasma cells. Alessio M, et al. **J Immunol** 1990 Aug 1;145(3):878–84
Evaluation of the antibody-dependent cytotoxic capabilities of individual human monocytes. Role of Fc gamma RI and Fc gamma RII and the effects of cytokines at the single cell level. Connor RI, et al. **J Immunol** 1990 Sep 1; 145(5):1483–9
Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1; 145(5):1295–302
On the species specificity of the interaction of LFA-1 with intercellular adhesion molecules. Johnston SC, et al. **J Immunol** 1990 Aug 15;145(4):1181–7
Engagement of the monocyte surface antigen CD14 induces lymphocyte function-associated antigen-1/intercellular adhesion molecule-1-dependent homotypic adhesion. Lauener RP, et al. **J Immunol** 1990 Sep 1;145(5):1390–4
Transmembrane signaling during natural killer cell-mediated cytotoxicity. Regulation by protein kinase C activation. Leibson PJ, et al. **J Immunol** 1990 Sep 1;145(5):1498–504

ANTIGENS, DIFFERENTIATION, B-LYMPHOCYTE

Association between IL-6 and CD40 signaling. IL-6 induces phosphorylation of CD40 receptors. Clark EA, et al. **J Immunol** 1990 Sep 1;145(5):1400–6
BP-1/6C3 expression defines a differentiation stage of transformed pre-B cells and is not related to malignant potential. Ramakrishnan L, et al. **J Immunol** 1990 Sep 1; 145(5):1603–8

ANTIGENS, DIFFERENTIATION, T-LYMPHOCYTE

Peripheral blood lymphocytes of nonleukemic lymphoma patients exhibit aberrant expression of T-cell activation markers after polyclonal stimulation in vitro. Mangge H, et al. **Cancer** 1990 Aug 15;66(4):677-83

Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. Cardenas L, et al. **J Immunol** 1990 Sep 1;145(5):1450-5

Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1; 145(5):1295-302

Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337-42

Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. Kuchroo VK, et al. **J Immunol** 1990 Aug 15;145(4):1059-65

CD27 induction on thymocytes. Martorell J, et al. **J Immunol** 1990 Sep 1;145(5):1356-63

CD-3-mediated activation of MAP-2 kinase can be modified by ligation of the CD4 receptor. Evidence for tyrosine phosphorylation during activation of this kinase. Nel AE, et al. **J Immunol** 1990 Aug 1;145(3):971-9

IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. Nieto MA, et al. **J Immunol** 1990 Sep 1;145(5):1364-8

Differential CD3/T cell antigen receptor-mediated IL-2 production in jurkat T cells. Dissociation of IL-2 response from total inositol phosphate and calcium responses. Stohl W, et al. **J Immunol** 1990 Aug 15;145(4):1078-87

Deviations in thymocyte development induced by divalent and monovalent ligation of the alpha/beta T cell receptor and by its cross-linking to CD8. Yachelini P, et al. **J Immunol** 1990 Sep 1;145(5):1382-9

ANTIGENS, DIFFERENTIATION, MYELOMONOCYTIC

Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. de Mascarel I, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):953-5

Engagement of the monocyte surface antigen CD14 induces lymphocyte function-associated antigen-1/intercellular adhesion molecule-1-dependent homotypic adhesion. Lauener RP, et al. **J Immunol** 1990 Sep 1;145(5):1390-4

ANTIGENS, FUNGAL

Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. Sethi KK. **J Clin Pathol** 1990 Jul;43(7):584-6

ANTIGENS, HELMINTH

Reduced reproductive efficiency in mice with schistosomiasis mansoni and in uninfected pregnant mice injected with antibodies against Schistosoma mansoni soluble egg antigens. Amano T, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):180-5

Immunodiagnosis of human cysticercosis in cerebrospinal fluid. Antigens from murine Taenia crassiceps cysticerci effectively substitute those from porcine Taenia solium. Larralde C, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):926-8

The identification of an Onchocerca-specific recombinant antigen containing a T cell epitope. Colina KF, et al. **J Immunol** 1990 Sep 1;145(5):1551-6

Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen-induced suppressor T cells down-regulate proliferation and IL-2 production. Fidel PL Jr, et al. **J Immunol** 1990 Aug 15;145(4):1257-64

Expression of cross-reactive, shared idiotypes on anti-SEA antibodies from humans and mice with schistosomiasis. Montesano MA, et al. **J Immunol** 1990 Aug 1;145(3):1002-8

ANTIGENS, LY

Down-regulation of IL-2 production by activation of T cells through Ly-6A/E. Codias EK, et al. **J Immunol** 1990 Sep 1;145(5):1407-14

ANTIGENS, NEOPLASM

Epithelial cells from normal human endometrium express a tumor-associated glycoprotein (TAG-72) epitope in vitro. Osteen KG, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):479-84

Flow cytometric quantitation of tumor-associated antigens in solid tumors [letter] van Dam PA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):698-9

Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. de Mascarel I, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):953-5

Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS-1 cells. Tran-Paterson R, et al. **Blood** 1990 Aug 15; 76(4):775-82

Epithelial markers in pancreatic carcinoma: immunoperoxidase localisation of DD9, CEA, EMA and CAM 5.2. Heyderman E, et al. **J Clin Pathol** 1990 Jun; 43(6):448-52

Expression of CD15 antigen in urinary bladder transitional cell carcinoma. Parham DM, et al. **J Clin Pathol** 1990 Jul; 43(7):541-3

DF3 antigen, a human epithelial cell mucin, inhibits adhesion of eosinophils to antibody-coated targets. Hayes DF, et al. **J Immunol** 1990 Aug 1;145(3):962-70

Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. Nativ O, et al. **J Urol** 1990 Aug;144(2 Pt 1):303-6

Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299-302

Prostate-specific antigen testing in untreated and treated prostatic adenocarcinoma. Rainwater LM, et al. **Mayo Clin Proc** 1990 Aug;65(8):1118-26 (56 ref.)

Clinical evaluation of tumor-associated mucin-type glycoprotein CA 54/61 in ovarian cancers: comparison with CA 125. Suzuki M, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):422-7

ANTIGENS, POLYOMAVIRUS TRANSFORMING

Osteosarcomas in transgenic mice expressing an alpha-amylase-SV40 T-antigen hybrid gene. Knowles BB, et al. **Am J Pathol** 1990 Aug;137(2):259-62

Monoclonal anti-idiotypic antibodies induce humoral immune responses specific for simian virus 40 large tumor antigen in mice. Shearer MH, et al. **J Immunol** 1990 Aug 1;145(3):932-9

ANTIGENS, PROTOZOAN

Enzyme immunoassays for detection of malarial antigens in human plasmas by Plasmodium falciparum monoclonal antibodies. Dubarry M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):116-23

Typing of southern African isolates of Plasmodium falciparum using monoclonal antibodies. Freese JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):19-24

Variability of Trypanosoma cruzi epimastigote surface antigens with changes in the temperature of the cultures. O'Daly JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):44-51

Secondary structure and immunogenicity of hybrid synthetic peptides derived from two Plasmodium falciparum pre-erythrocytic antigens. Londoño JA, et al. **J Immunol** 1990 Sep 1;145(5):1557-63

ANTIGENS, SURFACE

Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1; 145(5):1295-302

Expression and function of a 90-kilodalton homodimeric molecule (10D1 antigen) on human thymocytes. Kobata T, et al. **J Immunol** 1990 Aug 15;145(4):1053-8

Biosynthesis pathway of gp90MEL-14, the mouse lymph node-specific homing receptor. van de Rijn M, et al. **J Immunol** 1990 Sep 1;145(5):1477-82

ANTIGENS, TUMOR-ASSOCIATED, CARBOHYDRATE

Relationship between CA 125 and progesterone production in women with ovarian carcinoma. Mählck CG, et al. **Cancer** 1990 May 1;65(9):2058-63

Simultaneous measurement of CA 125, CA 19-9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Kamiya N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):417-21

Clinical evaluation of tumor-associated mucin-type glycoprotein CA 54/61 in ovarian cancers: comparison with CA 125. Suzuki M, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):422-7

CA 125 levels in menopausal women. Westhoff C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):428-31

ANTIGENS, VIRAL, TUMOR

Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Mantzaris GJ, et al. **Gut** 1990 Jun;31(6):668-73

ANTIHYPERTENSIVE AGENTS

Hypertensive black men and women. Quality of life and effects of antihypertensive medications. Black Hypertension Quality of Life Multicenter Trial Group. Croog SH, et al. **Arch Intern Med** 1990 Aug;150(8):1733-41

Pseudoporphyria due to dyazide in a patient with vitiligo. Motley RJ. **BMJ** 1990 Jun 2;300(6737):1468

New drugs for hypertension: should data precede conclusions? Myers MG. **Can Med Assoc J** 1990 Aug 15; 143(4):265-7 (10 ref.)

ANTI-INFECTIVE AGENTS

Multiple drug resistance in salmonellae in England and Wales: a comparison between 1981 and 1988. Ward LR, et al. **J Clin Pathol** 1990 Jul;43(7):563-6

ANTI-INFECTIVE AGENTS, QUINOLONE

Quinolones in acute non-travellers' diarrhoea. **Lancet** 1990 Aug 4;336(8710):282 (21 ref.)

ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL

Comparison of intramuscular ketorolac and morphine in pain control after laparotomy. Powell H, et al. **Anaesthesia** 1990 Jul;45(7):538-42

Enhanced prostaglandin E2 secretion by cytokine-stimulated human synoviocytes in the presence of subtherapeutic concentrations of nonsteroidal antiinflammatory drugs. Lindsley HB, et al. **Arthritis Rheum** 1990 Aug;33(8):1162-9

Aplastic anaemia associated with a non-steroidal anti-inflammatory drug: relapse after exposure to another such drug. Andrews R, et al. **BMJ** 1990 Jul 7;301(6742):38

Non-steroidal anti-inflammatory drugs, hiatus hernia, and Helicobacter pylori, in patients with oesophageal ulceration. Shallcross TM, et al. **Br J Rheumatol** 1990 Aug; 29(4):288-90

Ketorolac tromethamine. **Med Lett Drugs Ther** 1990 Aug 24;32(825):79-81

ANTILIPEMIC AGENTS

Focal toxicity of oxysterols in vascular smooth muscle cell culture. A model of the atherosclerotic core region. Guyton JR, et al. **Am J Pathol** 1990 Aug;137(2):425-34

Beclobrate and liver disease [letter] Aebi U, et al. **Ann Intern Med** 1990 Sep 15;113(6):483

ANTINEOPLASTIC AGENTS

Decreased phenytoin level after carboplatin treatment [letter] Dofferhoff AS, et al. **Am J Med** 1990 Aug;89(2):247-8

The action of bryostatin on normal human hematopoietic progenitors is mediated by accessory cell release of growth factors. Sharkis SJ, et al. **Blood** 1990 Aug 15;76(4):716-20

Attitudes to chemotherapy: comparing views of patients with cancer with those of doctors, nurses, and general public. Slevin ML, et al. **BMJ** 1990 Jun 2;300(6737):1458-60

Influence of chemotherapeutic agents on superoxide anion production by human polymorphonuclear leukocytes. Hara N, et al. **Cancer** 1990 Aug 15;66(4):684-8

Effects of a new prolactin inhibitor, CV 205-502, in the treatment of human macroprolactinomas. Khalfallah Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):354-9

Suramin in adrenal cancer: modulation of steroid hormone production, cytotoxicity in vitro, and clinical antitumor effect. La Rocca RV, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):497-504

Usefulness and limitations of methotrexate, vinblastine, doxorubicin and cisplatin for the treatment of advanced urothelial cancer. Igawa M, et al. **J Urol** 1990 Sep; 144(3):662-5

Mechanisms and modulation of multidrug resistance in primary human renal cell carcinoma [see comments] Mickisch GH, et al. **J Urol** 1990 Sep;144(3):755-9. Comment in: J Urol 1990 Sep;144(3):754.

Re: Deoxyribonucleic acid content and medroxyprogesterone acetate treatment in metastatic renal cell carcinoma [letter] Neuwirth H, et al. **J Urol** 1990 Sep;144(3):749-50

This month in investigative urology: Multidrug resistance in genitourinary malignancy [comment] Weiss GH, et al. **J Urol** 1990 Sep;144(3):754. Comment on: J Urol 1990 Sep;144(3):755-9.

Cushing's syndrome and medroxyprogesterone acetate [letter] Grenfell A, et al. **Lancet** 1990 Jul 28;336(8709):256

Tamoxifen potentiates in vivo antitumor activity of interleukin-2. Kim B, et al. **Surgery** 1990 Aug; 108(2):139-44; discussion 144-5

Protein-calorie malnutrition inhibits antitumor response to interleukin-2 immunotherapy. Lieberman MD, et al. **Surgery** 1990 Aug;108(2):452-8; discussion 458-9

ANTINEOPLASTIC AGENTS, COMBINED

A pilot study of chemo-radiotherapy in advanced carcinoma of the vulva. Whitaker SJ, et al. **Br J Obstet Gynaecol** 1990 May;97(5):436-42

Oropharynx carcinoma: irradiation alone versus induction chemotherapy plus irradiation—5 year results. Calais G, et al. **Br J Radiol** 1990 May;63(749):340-5

Better survival after combined modality care for adults with Wilms' tumor. A report from the National Wilms' Tumor Study. Arrigo S, et al. **Cancer** 1990 Sep 1;66(5):827-30

Testicular dysfunction after cyclophosphamide-vincristine-procarbazine-prednisolone

chemotherapy for advanced Hodgkin's disease. A long-term follow-up study. Charak BS, et al. **Cancer** 1990 May 1;65(9):1903-6
Intermediate-dose cytosine arabinoside and amsacrine. An effective regimen with low toxicity in refractory acute nonlymphocytic leukemia. Dekker AW, et al. **Cancer** 1990 May 1;65(9):1891-4
Intensive antileukemic treatment of patients younger than 65 years with myelodysplastic syndromes and secondary acute myelogenous leukemia. De Witte T, et al. **Cancer** 1990 Sep 1;66(5):831-7
Medical treatment and long-term survival in a prospective study of 84 patients with endocrine pancreatic tumors. Eriksson B, et al. **Cancer** 1990 May 1;65(9):1883-90
Addition of verapamil and tamoxifen to the initial chemotherapy of small cell lung cancer. A phase I/II study. Figueredo A, et al. **Cancer** 1990 May 1;65(9):1895-902
Treatment of refractory Hodgkin's disease with high-dose cytosine arabinoside and mitoxantrone in combination. Results of a clinical phase II study of the German Hodgkin Study Group. Hiddemann W, et al. **Cancer** 1990 Sep 1; 66(5):838-43
Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Lavey RS, et al. **Cancer** 1990 Sep 1;66(5):874-81
Treatment of low-grade and intermediate-grade lymphoma with intensive combination chemotherapy results in long-term, disease-free survival. Licht JD, et al. **Cancer** 1990 Aug 15;66(4):632-9
Long-term cardiac sequelae after treatment of malignant tumors with radiotherapy or cytostatics in childhood. Mäkinen L, et al. **Cancer** 1990 May 1;65(9):1913-7
Successful treatment of adult acute lymphoblastic leukemia after relapse with prednisone, intermediate-dose cytarabine, mitoxantrone, and etoposide (PAME) chemotherapy. Milpied N, et al. **Cancer** 1990 Aug 15; 66(4):627-31
A phase I study of recombinant human interleukin-2 and alpha-interferon-2a in patients with renal cell cancer, colorectal cancer, and malignant melanoma. Mittelman A, et al. **Cancer** 1990 Aug 15;66(4):664-9
The effect of a 7-day delay in chemotherapy cycles on complete response and event-free survival in good-risk disseminated germ cell tumor patients. Motzer RJ, et al. **Cancer** 1990 Sep 1;66(5):857-61
Advanced small cell carcinoma of the bladder. Successful treatment with combined radical cystoprostatectomy and adjuvant methotrexate, vinblastine, doxorubicin, and cisplatin chemotherapy. Oesterling JE, et al. **Cancer** 1990 May 1;65(9):1928-36
Improved survival rate in primary intracranial lymphoma treated by high-dose radiation and systemic vincristine-doxorubicin-cyclophosphamide-prednisolone chemotherapy. Shibamoto Y, et al. **Cancer** 1990 May 1; 65(9):1907-12
High-dose chemotherapy and unpurged autologous bone marrow transplantation for acute leukemia in second or subsequent remission. Spinolo JA, et al. **Cancer** 1990 Aug 15;66(4):619-26
Intraarterial induction chemotherapy in locally advanced stage III breast cancer. Stephens FO. **Cancer** 1990 Aug 15;66(4):645-50
A phase II study of cisplatin and continuous infusion of vindesine in metastatic head and neck squamous cell cancer. Tellez-Bernal E, et al. **Cancer** 1990 Aug 15;66(4):640-4
Induction chemotherapy in Jehovah's Witnesses with leukaemia [letter] Hargis JB, et al. **Lancet** 1990 Sep 1; 336(8714):563-4

ANTINEOPLASTIC AGENTS, PHYTOGENIC

Selective elimination of fibroblasts from pancreatic islet monolayers by basic fibroblast growth factor-saporin mitotoxin. Beattie GM, et al. **Diabetes** 1990 Aug; 39(8):1002-5

ANTIOXIDANTS

Oxygen free radical scavengers decrease reperfusion injury in lung transplantation. Detterbeck FC, et al. **Ann Thorac Surg** 1990 Aug;50(2):204-9; discussion 209-10
Aplastic anemia associated with canthaxanthin ingested for 'tanning' purposes. Bluhm R, et al. **JAMA** 1990 Sep 5; 264(9):1141-2

ANTIPROTOZOAL AGENTS

Sinefungin as treatment for American Leishmania in sensitive BALB/c and resistant C57BL/6 mice. Avila JL, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):139-45

ANTISOCIAL PERSONALITY DISORDER

The antisocial personality disorder diagnosis [letter] Hume E. **Am J Psychiatry** 1990 Sep;147(9):1254

ANTITHROMBIN III

Safety of antithrombin III concentrate [letter] Makris M. **Blood** 1990 Aug 1;76(3):649-50
Thrombin-antithrombin III complex levels in normal pregnancy with hypertensive disorders and after delivery. Reinthaller A, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):506-10
Prevention of venous thrombosis after total knee arthroplasty. Comparison of antithrombin III and low-dose heparin with dextran. Francis CW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):976-82
Clot-bound thrombin is protected from inhibition by heparin-antithrombin III but is susceptible to inactivation by antithrombin III-independent inhibitors. Weitz JI, et al. **J Clin Invest** 1990 Aug;86(2):385-91

ANTITHROMBINS

Heparin-resistant thrombus formation by endovascular stents in baboons. Interruption by a synthetic antithrombin. Krpski WC, et al. **Circulation** 1990 Aug;82(2):570-7
Reperfusion, specific thrombin inhibition and reocclusion after thrombolysis [editorial; comment] Chesebro JH, et al. **J Am Coll Cardiol** 1990 Sep;16(3):723-5. Comment on: J Am Coll Cardiol 1990 Sep;16(3):714-22.
Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714-22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723-5.

ANTITUBERCULAR AGENTS

An abdominal pregnancy 10 years after treatment for pelvic tuberculosis. Durukan T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):594-5
Antituberculous drug resistance in central Haiti. Scalcini M, et al. **Am Rev Respir Dis** 1990 Sep;142(3):508-11
Outbreaks of drug-resistant tuberculosis at AIDS centre [letter] Pitchenik AE, et al. **Lancet** 1990 Aug 18; 336(8712):440-1

ANTI-ULCER AGENTS

Life-threatening diarrhea after short-term misoprostol use in a patient with Crohn ileocolitis. Kornbluth A, et al. **Ann Intern Med** 1990 Sep 15;113(6):474-5

ANTIVIRAL AGENTS

Prevention of foscarnet nephrotoxicity [letter] Deray G, et al. **Ann Intern Med** 1990 Aug 15;113(4):332
Altered sensitivity to antiviral drugs of herpes simplex virus isolates from a patient with the acquired immunodeficiency syndrome. Birch CJ, et al. **J Infect Dis** 1990 Sep; 162(3):731-4
Susceptibility of human herpesvirus 6 to antivirals in vitro. Burns WH, et al. **J Infect Dis** 1990 Sep;162(3):634-7
Lack of effect of lithium carbonate on zidovudine-associated neutropenia in patients with AIDS [letter] Worthington M. **J Infect Dis** 1990 Sep;162(3):77-8
Drugs for viral infections. **Med Lett Drugs Ther** 1990 Aug 10;32(824):73-8

ANTS

Reactions to the stings of the imported fire ant. deShazo RD, et al. **N Engl J Med** 1990 Aug 16;323(7):462-6 (45 ref.)

ANUS

Manovolumetric and sensory characteristics of the ileoanal J pouch compared with healthy rectum. Oresland T, et al. **Br J Surg** 1990 Jul;77(7):803-6
Clinical assessment and anorectal manometry before postanal repair: failure to predict outcome. Scott AD, et al. **Br J Surg** 1990 Jun;77(6):628-9
Role of alpha adrenoceptors in opossum internal anal sphincter. Yamato S, et al. **J Clin Invest** 1990 Aug; 86(2):424-9

ANUS DISEASES

Anal human papillomavirus infection among human immunodeficiency virus-seropositive and -seronegative men. Kiviat N, et al. **J Infect Dis** 1990 Aug;162(2):358-61

ANXIETY

Pre-operative anxiety and serum potassium. McCleane GJ, et al. **Anaesthesia** 1990 Jul;45(7):583-5
Beta-adrenoceptor blocking agents and anxiolysis [letter] Mackenzie JW, et al. **Anaesthesia** 1990 Jul;45(7):600-1

ANXIETY DISORDERS

Pharmacologic approach to sleep panic attacks [letter] Feder R. **Am J Psychiatry** 1990 Aug;147(8):1091-2
Late-life onset of panic disorder [letter] Hassan R, et al. **Am J Psychiatry** 1990 Aug;147(8):1103-4
Syndrome comorbidity in patients with major depression or dysthymia: prevalence and temporal relationships. Sanderson WC, et al. **Am J Psychiatry** 1990 Aug; 147(8):1025-8
Mania in a panic disorder patient treated with fluoxetine [letter] Sholomskas AJ. **Am J Psychiatry** 1990 Aug; 147(8):1090-1
Comorbidity of major depression and anxiety disorders in twin pairs. Torgersen S. **Am J Psychiatry** 1990 Sep; 147(9):1199-202
An outbreak of illness among aerospace workers [see comments] Sparks PJ, et al. **West J Med** 1990 Jul; 153(1):28-33. Comment in: West J Med 1990 Jul;153(1):77-8.

AORTA

Epidural anesthesia as an adjunct to retroperitoneal aortic surgery. Pecoraro JP, et al. **Am J Surg** 1990 Aug; 160(2):187-91
Excision of the aortic wall in the surgical treatment of acute type-A aortic dissection. Massimo CG, et al. **Ann Thorac Surg** 1990 Aug;50(2):274-6

AORTA, ABDOMINAL

Radiological case of the month. Idiopathic aortic thrombosis. Leonor MQ, et al. **Am J Dis Child** 1990 Aug;144(8):935-6

AORTA, THORACIC

Protruding atherosclerotic plaque in the aortic arch of patients with systemic embolization: a new finding seen by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Sep;120(3):658-60
Blood flow velocity and pulsatile diameter changes in the fetal descending aorta: a longitudinal study. Stale H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):26-9
The epidemiology of traumatic rupture of the thoracic aorta in children: a 13-year review. Eddy AC, et al. **J Trauma** 1990 Aug;30(8):989-91; discussion 991-2
The effects of aortic crossclamping and resuscitation on intracranial pressure, cerebral blood flow, and cerebral water content in a model of focal brain injury and hemorrhagic shock. Shackford SR, et al. **J Trauma** 1990 Jul;30(7):768-74; discussion 774-5
A proposed new mechanism of traumatic aortic rupture: the osseous pinch. Crass JR, et al. **Radiology** 1990 Sep; 176(3):645-9
Insulin-like growth factor I receptors in the arteries of the rabbit: autoradiographic mapping and receptor characterization. Sidawy AN, et al. **Surgery** 1990 Aug; 108(2):165-70; discussion 170-1

AORTIC ANEURYSM

Dissecting aortic aneurysm eight years after aortic commissurotomy for congenital aortic stenosis: detailed identification by transesophageal echocardiography. Porter T, et al. **Am Heart J** 1990 Sep;120(3):716-8
Echocardiographic diagnosis of unruptured aneurysm of the sinus of Valsalva dissecting into the ventricular septum. Dev V, et al. **Am J Cardiol** 1990 Aug 15;66(4):502-3
Distal embolization as a presenting symptom of aortic aneurysms. Baxter BT, et al. **Am J Surg** 1990 Aug; 160(2):197-201
Division of the left renal vein during aortic surgery. Calligaro KD, et al. **Am J Surg** 1990 Aug;160(2):192-6
Repair of thoracic dissections [letter] Hammond GL. **Ann Thorac Surg** 1990 Aug;50(2):330
Excision of the aortic wall in the surgical treatment of acute type-A aortic dissection. Massimo CG, et al. **Ann Thorac Surg** 1990 Aug;50(2):274-6
Chest pain and increased CK-MB enzyme levels [clinical conference] Georgiou D, et al. **Chest** 1990 Aug;98(2):442-7
Acquired aneurysm of ascending aorta in childhood [letter] Ferreira MJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):318-20

AORTIC ARCH SYNDROMES

The American College of Rheumatology 1990 criteria for the classification of Takayasu arteritis. Arend WP, et al. **Arthritis Rheum** 1990 Aug;33(8):1129-34

AORTIC COARCTATION

Percutaneous balloon angioplasty of congenital aortic stenosis and associated aortic coarctation in an adult. Bahl VK, et al. **Am Heart J** 1990 Aug;120(2):432-3
The probability of detecting a subaortic ridge in children with ventricular septal defect or coarctation of the aorta. Cassidy SC, et al. **Am J Cardiol** 1990 Aug 15;66(4):505-8
Paradoxical hypertension after repair of coarctation of the aorta: a review of its causes. Sealy WC. **Ann Thorac Surg** 1990 Aug;50(2):323-9 (101 ref.)

AORTIC DISEASES

Protruding atherosclerotic plaque in the aortic arch of patients with systemic embolization: a new finding seen by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Sep;120(3):658-60

AORTIC RUPTURE

A proposed new mechanism of traumatic aortic rupture: the osseous pinch. Crass JR, et al. **Radiology** 1990 Sep; 176(3):645–9

AORTIC VALVE

Use of the allograft aortic valved conduit. Campbell DN, et al. **Ann Thorac Surg** 1990 Aug;50(2):320–2

Aortic valve morphology: an important in vitro determinant of proximal regurgitant jet width by Doppler color flow mapping. Taylor AL, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):405–12

Rest and exercise hemodynamics of 20 to 23 mm allograft, Medtronic Intact (porcine), and St. Jude Medical valves in the aortic position. Jaffe WM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):167–74

AORTIC VALVE INSUFFICIENCY

Valvular heart disease in Kawasaki syndrome: incidence and natural history. Akagi T, et al. **Am Heart J** 1990 Aug; 120(2):366–72

Noninvasive evaluation of the magnitude of aortic and mitral regurgitation by means of Doppler two-dimensional echocardiography. Kurokawa S, et al. **Am Heart J** 1990 Sep;120(3):638–48

Transmitral flow velocity in symptomatic severe aortic regurgitation: utility of Doppler for determination of preclosure of the mitral valve. Marcus RH, et al. **Am Heart J** 1990 Aug;120(2):449–51

Clinical evaluation of a prospective protocol for the timing of surgery in chronic aortic regurgitation. Tornos MP, et al. **Am Heart J** 1990 Sep;120(3):649–57

Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine. Joyce W, et al. **Br Heart J** 1990 Jun;63(6):370–1

"Conservative" aortic valve intervention: thwarted again! [editorial; comment] Campbell DB, et al. **J Am Coll Cardiol** 1990 Sep;16(3):631–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):623–30.

Aortic regurgitation shortens Doppler pressure half-time in mitral stenosis: clinical evidence, in vitro simulation and theoretic analysis. Flachskampf FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):396–404

Ultrasonic aortic valve decalcification: serial Doppler echocardiographic follow-up [see comments] Freeman WK, et al. **J Am Coll Cardiol** 1990 Sep;16(3):623–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):631–2.

Vasodilator therapy in chronic severe aortic regurgitation [comment] Rahimtoola SH. **J Am Coll Cardiol** 1990 Aug; 16(2):430–2 (13 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):424–9.

Long-term nifedipine unloading therapy in asymptomatic patients with chronic severe aortic regurgitation [see comments] Scognamiglio R, et al. **J Am Coll Cardiol** 1990 Aug;16(2):424–9. Comment in: J Am Coll Cardiol 1990 Aug;16(2):430–2.

Gradient reduction, aortic valve regurgitation and prolapse after balloon aortic valvuloplasty in 32 consecutive patients with congenital aortic stenosis [see comments] Shaddy RE, et al. **J Am Coll Cardiol** 1990 Aug;16(2):451–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):457–8.

Aortic valve morphology: an important in vitro determinant of proximal regurgitant jet width by Doppler color flow mapping. Taylor AL, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):405–12

AORTIC VALVE PROLAPSE

Gradient reduction, aortic valve regurgitation and prolapse after balloon aortic valvuloplasty in 32 consecutive patients with congenital aortic stenosis [see comments] Shaddy RE, et al. **J Am Coll Cardiol** 1990 Aug;16(2):451–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):457–8.

AORTIC VALVE STENOSIS

Percutaneous balloon angioplasty of congenital aortic stenosis and associated aortic coarctation in an adult. Bahl VK, et al. **Am Heart J** 1990 Aug;120(2):432–3

Dissecting aortic aneurysm eight years after aortic commissurotomy for congenital aortic stenosis: detailed identification by transesophageal echocardiography. Porter T, et al. **Am Heart J** 1990 Sep;120(3):716–8

Factors influencing the outcome of balloon aortic valvuloplasty in the elderly. Rodriguez AR, et al. **Am Heart J** 1990 Aug;120(2):373–80

Coenzyme Q10 and respiratory chain enzyme activities in hypertrophied human left ventricles with aortic valve stenosis. Maurer I, et al. **Am J Cardiol** 1990 Aug 15; 66(4):504–5

Left ventricular performance and clinical outcome after repeat balloon aortic valvuloplasty. Davidson CJ, et al. **Ann Intern Med** 1990 Aug 1;113(3):250–2

Severe aortic stenosis in octogenarians: is operation an acceptable alternative? [see comments] Deleuze P, et al. **Ann Thorac Surg** 1990 Aug;50(2):226–9. Comment in: Ann Thorac Surg 1990 Aug;50(2):173–4.

"Conservative" aortic valve intervention: thwarted again! [editorial; comment] Campbell DB, et al. **J Am Coll Cardiol** 1990 Sep;16(3):631–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):623–30.

Validation and applications of indexed aortic prosthetic valve areas calculated by Doppler echocardiography. Dumesnil JG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):637–43

Ultrasonic aortic valve decalcification: serial Doppler echocardiographic follow-up [see comments] Freeman WK, et al. **J Am Coll Cardiol** 1990 Sep;16(3):623–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):631–2.

Balloon dilation of congenital valvular aortic stenosis [editorial; comment] Keane JF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):457–8. Comment on: J Am Coll Cardiol 1990 Aug;16(2):451–6.

Gradient reduction, aortic valve regurgitation and prolapse after balloon aortic valvuloplasty in 32 consecutive patients with congenital aortic stenosis [see comments] Shaddy RE, et al. **J Am Coll Cardiol** 1990 Aug;16(2):451–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):457–8.

APGAR SCORE

Intrapartum asphyxia in pregnancies complicated by intra-amniotic infection. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):351–4

APHAKIA, POSTCATARACT

Ab interno laser sclerostomy in aphakic patients with glaucoma and chronic inflammation. Wilson RP, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):178–84

APHASIA

Manometry and electromyography of the pharyngeal muscles in patients with dysphagia. Elidan J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):910–3

APNEA

Misuse of the pulse oximeter by the ... patient! [letter] Azzam FJ, et al. **Anesthesiology** 1990 Aug;73(2):355

Life-threatening apnea following spinal anesthesia in former premature infants. Cox RG, et al. **Anesthesiology** 1990 Aug; 73(2):345–7

Relationship between breath-holding spells and cardiorespiratory control: a new perspective [comment] Hunt CE. **J Pediatr** 1990 Aug;117(2 Pt 1):245–7. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):188–93.

APOLIPOPROTEINS

Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144–52

APOLIPOPROTEINS A

Role of apolipoprotein levels in clinical practice. Grundy SM, et al. **Arch Intern Med** 1990 Aug;150(8):1579–82 (29 ref.)

Effect of alcohol intake on human apolipoprotein A-I-containing lipoprotein subfractions. Puchois P, et al. **Arch Intern Med** 1990 Aug;150(8):1638–41

Apolipoproteins A-I and B as predictors of angiographically defined coronary artery disease. Reinhart RA, et al. **Arch Intern Med** 1990 Aug;150(8):1629–33

Role of lipoprotein lipase in the regulation of high density lipoprotein apolipoprotein metabolism. Studies in normal and lipoprotein lipase-inhibited monkeys. Goldberg IJ, et al. **J Clin Invest** 1990 Aug;86(2):463–73

Apolipoprotein (a) and ischaemic heart disease [letter] Tomkin GH, et al. **Lancet** 1990 Jul 28;336(8709):251

APOLIPOPROTEINS B

Role of apolipoprotein levels in clinical practice. Grundy SM, et al. **Arch Intern Med** 1990 Aug;150(8):1579–82 (29 ref.)

Apolipoproteins A-I and B as predictors of angiographically defined coronary artery disease. Reinhart RA, et al. **Arch Intern Med** 1990 Aug;150(8):1629–33

Effect of insulin therapy on metabolic fate of apolipoprotein B-containing lipoproteins in NIDDM. Taskinen MR, et al. **Diabetes** 1990 Sep;39(9):1017–27

Effect of a high-carbohydrate, low-saturated-fat diet on apolipoprotein B and triglyceride metabolism in Pima Indians. Abbott WG, et al. **J Clin Invest** 1990 Aug; 86(2):642–50

APOMORPHINE

Apomorphine test in parkinsonian syndromes [letter] Rascol O, et al. **Lancet** 1990 Aug 25;336(8713):518

APPENDECTOMY

Appendiceal calculi and fecaliths as indications for appendectomy. Nitecki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):185–8

APPENDICITIS

Bacterial ileocaecitis and appendicitis [letter] Van Noyen R, et al. **Lancet** 1990 Aug 25;336(8713):518

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 35-1990. A 28-year-old Guatemalan woman with recurrent abdominal pain, fever, and diarrhea. **N Engl J Med** 1990 Aug 30;323(9):593–600

Appendiceal calculi and fecaliths as indications for appendectomy. Nitecki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):185–8

APPENDIX

Appendiceal calculi and fecaliths as indications for appendectomy. Nitecki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):185–8

APPOINTMENTS AND SCHEDULES

Amount and distribution of interns' working hours. Kroboth FJ, et al. **Acad Med** 1990 Aug;65(8):542

A study of patients attending without appointments in an urban general practice. Virji A. **BMJ** 1990 Jul 7; 301(6742):22–6

Waiting patiently. Goitein M. **N Engl J Med** 1990 Aug 30; 323(9):604–8

APROTININ

Aprotinin: an antidote for recombinant tissue-type plasminogen activator (rt-PA) active in vivo. Clozel JP, et al. **J Am Coll Cardiol** 1990 Aug;16(2):507–10

ARABINONUCLEOTIDES

Acute delta hepatitis during treatment with adenosine arabinoside monophosphate with resolution of the HBsAg carrier state. Garcia G, et al. **West J Med** 1990 Jul; 153(1):80–2

ARACHIDONATE LIPOXYGENASES

Leukotrienes and other products of the 5-lipoxygenase pathway. Biochemistry and relation to pathobiology in human diseases. Lewis RA, et al. **N Engl J Med** 1990 Sep 6;323(10):645–55 (136 ref.)

ARACHIDONIC ACIDS

Alterations in transfer and lipid distribution of arachidonic acid in placentas of diabetic pregnancies. Kuhn DC, et al. **Diabetes** 1990 Aug;39(8):914–8

ARACHNID VECTORS

A comparative study of the infection thresholds of Thogoto virus in Rhipicephalus appendiculatus and Amblyomma variegatum. Davies CR, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):99–103

ARACHNOID

Presentation and management of suprasellar arachnoid cysts. Review of 20 cases. Pierre-Kahn A, et al. **J Neurosurg** 1990 Sep;73(3):355–9

ARENAVIRUS INFECTIONS

The effect of an arenavirus infection on liver morphology and function. Lucia HL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):93–8

ARGININE

Arginine enhances wound healing and lymphocyte immune responses in humans. Barbul A, et al. **Surgery** 1990 Aug; 108(2):331–6; discussion 336–7

ARGIPRESSIN

Plasma atrial arginine vasopressin levels vary little between preeclamptic and control patients [letter] Elias AN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):245

Stimulation of phosphoinositide hydrolysis in renal medulla by vasopressin. Garg LC, et al. **Endocrinology** 1990 Sep; 127(3):1022–7

Effects of carotid occlusion and angiotensin II on vasopressin secretion in intact and vagotomized conscious rabbits. Hreash F, et al. **Endocrinology** 1990 Sep;127(3):1160–6

Prompt inhibition of arginine vasopressin-induced cellular adenosine 3',5'-monophosphate production by extracellular sodium depletion in rat renal inner medullary collecting duct cells in culture. Ishikawa SE, et al. **Endocrinology** 1990 Aug;127(2):560–6

Cytosolic calcium and aldosterone response patterns of rat adrenal glomerulosa cells stimulated by vasopressin: comparison with angiotensin II. Quinn SJ, et al. **Endocrinology** 1990 Aug;127(2):541–8

ARM

Lymphocyte-predominant Hodgkin disease manifested as a subcutaneous arm mass [letter] Nelson MC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):658–9

Acromegaly and radial artery cannulation [letter] Losasso T, et al. **Anesth Analg** 1990 Aug;71(2):204

Long-term follow-up of brachial artery ligation in children.

Lally KP, et al. **Ann Surg** 1990 Aug;212(2):194–6
Arterial trauma of the upper extremity in children. Wolf YG, et al. **J Trauma** 1990 Jul;30(7):903–5
The use of bubble wrap as an arm support for extracorporeal shock wave lithotripsy. Fernandez JA, et al. **J Urol** 1990 Aug;144(2 Pt 1):312

ARM INJURIES

Frequency of vascular injury with blunt trauma-induced extremity injury. Bunt TJ, et al. **Am J Surg** 1990 Aug; 160(2):226–8
An experience with upper-extremity vascular trauma. Cikrit DF, et al. **Am J Surg** 1990 Aug;160(2):229–33
Arterial trauma of the upper extremity in children. Wolf YG, et al. **J Trauma** 1990 Jul;30(7):903–5

AROUSAL

The influence of increasing ventilatory effort on arousal from sleep. Gleeson K, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):295–300

ARRHYTHMIA

Should complex ventricular arrhythmias in patients with congestive heart failure be treated? A protagonist's viewpoint. Anderson JL. **Am J Cardiol** 1990 Aug 15; 66(4):447–50 (30 ref.)
Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Aronow WS, et al. **Am J Cardiol** 1990 Aug 15;66(4):423–8
Effect of milrinone on ventricular arrhythmias in congestive heart failure. Ferrick KJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):431–4
Should asymptomatic ventricular arrhythmia in patients with congestive heart failure be treated? An antagonist's viewpoint. Podrid PJ, et al. **Am J Cardiol** 1990 Aug 15; 66(4):451–7 (34 ref.)
Erythromycin-induced long QT syndrome: concordance with quinidine and underlying cellular electrophysiologic mechanism. Nattel S, et al. **Am J Med** 1990 Aug;89(2):235–8
Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease [see comments] Sheps DS, et al. **Ann Intern Med** 1990 Sep 1;113(5):343–51 . Comment in: Ann Intern Med 1990 Sep 1;113(5):337–8.
Urban angina, urban arrhythmias: carbon monoxide and the heart [editorial; comment] Walden SM, et al. **Ann Intern Med** 1990 Sep 1;113(5):337–8. Comment on: Ann Intern Med 1990 Sep 1;113(5):343–51.
QT dispersion: an indication of arrhythmia risk in patients with long QT intervals. Day CP, et al. **Br Heart J** 1990 Jun;63(6):342–4
Propafenone: a promising new antiarrhythmic agent. Shen EN. **Chest** 1990 Aug;98(2):434–41 (65 ref.)
Long QT syndrome. New electrocardiographic characteristics. Benhorin J, et al. **Circulation** 1990 Aug; 82(2):521–7
Role of the sympathetic nervous system in the genesis of ventricular arrhythmia. Podrid PJ, et al. **Circulation** 1990 Aug;82(2 Suppl):I103–13 (123 ref.)
Clinical interactions between pacemakers and automatic implantable cardioverter-defibrillators. Calkins H, et al. **J Am Coll Cardiol** 1990 Sep;16(3):666–73
The congenital long QT syndromes in childhood. Weintraub RG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):674–80
Arrhythmia due to hypervagotonia in a fit pharmacology volunteer [letter] Cutler NR, et al. **Lancet** 1990 Sep 1; 336(8714):567
Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. Riggs JE. **South Med J** 1990 Aug;83(8):955–6
Electrocardiographic abnormalities in patients with myotonic dystrophy. Florek RC, et al. **West J Med** 1990 Jul; 153(1):24–7 (26 ref.)

ARSENIC

Blackfoot disease [letter] Chen CJ. **Lancet** 1990 Aug 18; 336(8712):442

ART

Peer review—the arts and sciences [editorial] Fisher DW. **Hosp Pract [Off]** 1990 Aug 15;25(8):13
Corot's 'gout' and a 'gipsy' girl. Panush RB, et al. **JAMA** 1990 Sep 5;264(9):1136–8

ARTERIAL OCCLUSIVE DISEASES

Division of the left renal vein during aortic surgery. Calligaro KD, et al. **Am J Surg** 1990 Aug;160(2):192–6
Initial results and subsequent outcome of laser thermal-assisted balloon angioplasty of 56 consecutive femoropopliteal lesions. Feinberg RL, et al. **Am J Surg** 1990 Aug;160(2):166–9; discussion 169–70
Symptomatic carotid ischaemic events: safest and most cost effective way of selecting patients for angiography, before carotid endarterectomy. Hankey GJ, et al. **BMJ** 1990 Jun 9;300(6738):1485–91
Coeliac artery compression syndrome: the effect of decompression. Geelkerken RH, et al. **Br J Surg** 1990 Jul; 77(7):807–9
Improved results of vascular reconstruction in pediatric and young adult patients with renovascular hypertension. Martinez A, et al. **J Urol** 1990 Sep;144(3):717–20
Blackfoot disease [letter] Chen CJ. **Lancet** 1990 Aug 18; 336(8712):442
Intraoperative intra-arterial urokinase infusion as an adjunct to Fogarty catheter embolectomy in acute arterial occlusion. Garcia R, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):201–5

ARTERIES

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233–40
Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Chantelau E, et al. **Diabetes** 1990 Aug;39(8):938–41
Arterial trauma of the upper extremity in children. Wolf YG, et al. **J Trauma** 1990 Jul;30(7):903–5
Preparation of the calcified tibial artery for bypass grafting. White JV, et al. **Surg Gynecol Obstet** 1990 Aug; 171(2):165–6

ARTERIOSCLEROSIS

Protruding atherosclerotic plaque in the aortic arch of patients with systemic embolization: a new finding seen by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Sep;120(3):658–60
Lipoprotein degradation and cholesterol esterification in primary cell cultures of rabbit atherosclerotic lesions. Jaakkola O, et al. **Am J Pathol** 1990 Aug;137(2):457–65
Role of fibrinopeptide B in early atherosclerotic lesion formation. Singh TM, et al. **Am J Surg** 1990 Aug; 160(2):156–9
Endothelial injury [letter] Boxen I. **Can Med Assoc J** 1990 Aug 15;143(4):258–9
Lipoprotein lipase. Connelly PW. **Can Med Assoc J** 1990 Aug 15;143(4):295
Atherogenic lipoprotein phenotype. A proposed genetic marker for coronary heart disease risk [see comments] Austin MA, et al. **Circulation** 1990 Aug;82(2):495–506. Comment in: Circulation 1990 Aug;82(2):649–51.
Intravascular ultrasonography versus digital subtraction angiography: a human in vivo comparison of vessel size and morphology. Davidson CJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):633–6
Plasma high density lipoproteins. Metabolism and relationship to atherogenesis. Tall AR. **J Clin Invest** 1990 Aug;86(2):379–84 (55 ref.)
Atherosclerosis during adolescence. Heald FP. **Med Clin North Am** 1990 Sep;74(5):1321–32 (34 ref.)

ARTERIOVENOUS FISTULA

Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8

ARTERIOVENOUS MALFORMATIONS

Effect of percutaneous transcatheter embolization on pulmonary function, right-to-left shunt, and arterial oxygenation in patients with pulmonary arteriovenous malformations. Chilvers ER, et al. **Am Rev Respir Dis** 1990 Aug;142(2):420–5

ARTERIOVENOUS SHUNT, SURGICAL

Vascular access in patients with arterial insufficiency. Construction of proximal bridge fistulae based on inflow from axillary branch arteries. Jendrisak MD, et al. **Ann Surg** 1990 Aug;212(2):187–93
Long-term follow-up of brachial artery ligation in children. Lally KP, et al. **Ann Surg** 1990 Aug;212(2):194–6
Arteriovenous fistula in the presence of subclavian vein thrombosis: a serious complication. Kahn D, et al. **Br J Surg** 1990 Jun;77(6):682
Inferior vena cava-pulmonary artery extracardiac conduit. A new form of right heart bypass [see comments] Marcelletti C, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):228–32. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):313–4.

ARTERITIS

Mesenteric arteritis. Mosley JG, et al. **Gut** 1990 Aug; 31(8):956–7

ARTHRITIS

Immunotherapy of collagen-induced arthritis by a T-cell antiproliferative molecule. Spannaus-Martin DJ, et al. **Am J Pathol** 1990 Aug;137(2):331–9
Ceftriaxone therapy of chronic inflammatory arthritis. A double-blind placebo controlled trial. Caperton EM, et al. **Arch Intern Med** 1990 Aug;150(8):1677–82
Transitions in health status among community-dwelling elderly people with arthritis. A national, longitudinal study. Yelin EH, et al. **Arthritis Rheum** 1990 Aug;33(8):1205–15
Arthritis mutilans, tumoral calcinosis, Raynaud's phenomenon and Sjögren's syndrome. Monteagudo M, et al. **Br J Rheumatol** 1990 Aug;29(4):303–5
Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. van Klaveren RJ, et al. **Gut** 1990 Aug;31(8):953–5

ARTHRITIS, INFECTIOUS

Infected foreign body due to Bacillus licheniformis in rheumatoid arthritis [letter] David LA, et al. **Br J Rheumatol** 1990 Aug;29(4):320
Septic gonococcal arthritis is much more common in the USA than in the UK. Hook EW. **Br J Rheumatol** 1990 Aug;29(4):283
Synovial leukocytosis in infectious arthritis. McCutchan HJ, et al. **Clin Orthop** 1990 Aug;(257):226–30
Mixed gonococcal and mycobacterial sepsis of the wrist. Rolfe B, et al. **Clin Orthop** 1990 Aug;(257):100–3
Acute septic arthritis in infancy and childhood. Shaw BA, et al. **Clin Orthop** 1990 Aug;(257):212–25 (97 ref.)
Posttraumatic ankle joint infection with Arcanobacterium haemolyticum: a case report [letter] Hoosen AA, et al. **J Infect Dis** 1990 Sep;162(3):780–1
Corot's 'gout' and a 'gipsy' girl. Panush RB, et al. **JAMA** 1990 Sep 5;264(9):1136–8
Synovial fluid tests. What should be ordered? Shmerling RH, et al. **JAMA** 1990 Aug 22–29;264(8):1009–14

ARTHRITIS, JUVENILE RHEUMATOID

Optic disk neovascularization in juvenile rheumatoid arthritis. Semple HC, et al. **Am J Ophthalmol** 1990 Aug 15; 110(2):210–2

ARTHRITIS, PSORIATIC

Psoriatic or cystic fibrosis arthropathy? Difficulty with diagnosis and management. Benjamin CM, et al. **Br J Rheumatol** 1990 Aug;29(4):301–2
A multicentre double-blind comparison of auranofin, intramuscular gold thiomalate and placebo in patients with psoriatic arthritis. Palit J, et al. **Br J Rheumatol** 1990 Aug; 29(4):280–3

ARTHRITIS, RHEUMATOID

Multicenter study of recombinant human erythropoietin in correction of anemia in rheumatoid arthritis. Pincus T, et al. **Am J Med** 1990 Aug;89(2):161–8
Inspiratory muscle strength and respiratory drive in patients with rheumatoid arthritis. Gorini M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):289–94
Suppression of rheumatoid factor production by methotrexate in patients with rheumatoid arthritis. Evidence for differential influences of therapy and clinical status on IgM and IgA rheumatoid factor expression. Alarcón GS, et al. **Arthritis Rheum** 1990 Aug;33(8):1156–61
Synthesis of specific IgG idiotypes by rheumatoid synovium. Hoffman WL, et al. **Arthritis Rheum** 1990 Aug; 33(8):1196–204
Low levels of interleukin-4 and high levels of transforming growth factor beta in rheumatoid synovitis. Miossec P, et al. **Arthritis Rheum** 1990 Aug;33(8):1180–7
Serologic and molecular characterization of a human monoclonal rheumatoid factor derived from rheumatoid synovial cells. Robbins DL, et al. **Arthritis Rheum** 1990 Aug;33(8):1188–95
Inhibition of leukotriene B4 synthesis in neutrophils from patients with rheumatoid arthritis by a single oral dose of methotrexate. Sperling RI, et al. **Arthritis Rheum** 1990 Aug; 33(8):1149–55
Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides. Buckee C, et al. **Br J Rheumatol** 1990 Aug;29(4):254–8
Intramuscular depot methylprednisolone induction of chrysotherapy in rheumatoid arthritis: a 24-week randomized controlled trial. Corkill MM, et al. **Br J Rheumatol** 1990 Aug;29(4):274–9
Natural killer cells in the blood of patients with rheumatoid arthritis treated with azathioprine. Czeuz R, et al. **Br J Rheumatol** 1990 Aug;29(4):284–7
Infected foreign body due to Bacillus licheniformis in rheumatoid arthritis [letter] David LA, et al. **Br J Rheumatol** 1990 Aug;29(4):320
Is this a record? [letter] Dodds W. **Br J Rheumatol** 1990 Aug;29(4):319–20
Immunoreactive circulating alpha-interferon in rheumatoid arthritis [letter] Hasler F. **Br J Rheumatol** 1990 Aug; 29(4):315–6
Review of UK data on the rheumatic diseases—2. Rheumatoid arthritis. Hazes JM, et al. **Br J Rheumatol** 1990 Aug;29(4):310–2 (30 ref.)
Assessing combination therapy in rheumatoid arthritis: treatment with sulphasalazine and penicillamine. Scott DL, et al. **Br J Rheumatol** 1990 Aug;29(4):313–4

Immunohistological reassessment of accessory cell populations in normal and diseased human synovium. Wilkinson LS, et al. **Br J Rheumatol** 1990 Aug;29(4):259–63
Total knee arthroplasty with the kinematic prosthesis. Results after five to nine years: a follow-up note. Wright J, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1003–9
One-stage transoral decompression and posterior fixation in rheumatoid atlanto-axial subluxation. Crockard HA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):682–5
Insertion of a prosthetic hip into a total hip allograft. Case report. Mulroy RD, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):643–6
The Roper-Day total shoulder replacement. Roper BA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):694–7
The importance of the valgus hindfoot in forefoot surgery in rheumatoid arthritis. Stockley I, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):705–8
Rheumatoid knee: role of gadopentetate-enhanced MR imaging. Kursunoglu-Brahme S, et al. **Radiology** 1990 Sep; 176(3):831–5
Rheumatoid pleuritis. Graham WR. **South Med J** 1990 Aug; 83(8):973–5 (14 ref.)

ARTHRODESIS

Hindfoot arthrodesis in adults utilizing a dowel graft technique. Cracchiolo A 3d, et al. **Clin Orthop** 1990 Aug; (257):193–203

ARTHROSCOPY

Geniculate artery pseudoaneurysm: a rare complication of arthroscopic surgery [letter] Armato DP, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):659
Arthroscopic treatment of cysts of the menisci. A preliminary report. Parisien JS. **Clin Orthop** 1990 Aug;(257):154–8
The role of arthroscopy in the management of synovial chondromatosis of the shoulder. A case report. Richman JD, et al. **Clin Orthop** 1990 Aug;(257):91–3

ARTIODACTYLA

Familial goiter in bongo antelope (Tragelaphus eurycerus). Doi S, et al. **Endocrinology** 1990 Aug;127(2):857–64

ASBESTOS

Asbestos and colorectal cancer. Weiss W. **Gastroenterology** 1990 Sep;99(3):876–84 (54 ref.)
Asbestos and the Romans [letter] Browne K, et al. **Lancet** 1990 Aug 18;336(8712):445

ASCITES

Ascites after pleuroperitoneal shunting. Roukema JA, et al. **Cancer** 1990 Aug 15;66(4):675–6
Diagnostic paracentesis [letter] Misra SP, et al. **Gastroenterology** 1990 Sep;99(3):902–3

ASCITIC FLUID

Diagnostic paracentesis [letter] Misra SP, et al. **Gastroenterology** 1990 Sep;99(3):902–3

ASPARTIC ACID

A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Windschitl HE, et al. **Cancer** 1990 Sep 1;66(5):853–6
Unexpected inhibitory action of N-methyl-D,L-aspartate or luteinizing hormone release in adult ovariectomized rhesus monkeys: a role of the hypothalamic-adrenal axis. Reyes A, et al. **Endocrinology** 1990 Aug;127(2):724–9
In vivo assessment of N-acetylaspartate in brain in spongy degeneration (Canavan's disease) by proton spectroscopy [letter] Grodd W, et al. **Lancet** 1990 Aug 18; 336(8712):437–8
Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288–92

ASPERGILLOSIS

Aspergillus myocarditis presenting as myocardial infarction with complete heart block. Rogers JG, et al. **Am Heart J** 1990 Aug;120(2):430–2
Pulmonary aspergillosis in mice: treatment with a new triazole SCH39304. Defaveri J, et al. **Am Rev Respir Dis** 1990 Sep;142(3):512–5
Fungal infection with non-Hodgkin's lymphoma [letter] Roth B, et al. **Chest** 1990 Aug;98(2):512

ASPERGILLUS FUMIGATUS

Normal and deficient neutrophils can cooperate to damage Aspergillus fumigatus hyphae. Rex JH, et al. **J Infect Dis** 1990 Aug;162(2):523–8

ASPHYXIA NEONATORUM

Asphyxia and cerebral palsy [letter] Grether JK. **Am J Dis Child** 1990 Aug;144(8):852–3
Birth asphyxia and the intrapartum cardiotocograph. Murphy KW, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):470–9

ASPIRIN

Regional anesthesia and aspirin [letter] O'Sullivan G. **Anesthesiology** 1990 Aug;73(2):359–60
Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.
Aspirin potentiates prestimulated acid secretion and mobilizes intracellular calcium in rabbit parietal cells. Levine RA, et al. **J Clin Invest** 1990 Aug;86(2):400–8
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677
Aspirin-independent antithrombotic effects of acutely attached cultured endothelial cells on endarterectomized arteries. Krupski WC, et al. **Surgery** 1990 Aug; 108(2):283–90; discussion 290–1

ASSISTED CIRCULATION

Mechanical cardiac actuation achieves hemodynamics similar to cardiopulmonary bypass. Anstadt MP, et al. **Surgery** 1990 Aug;108(2):442–9; discussion 449–51

ASTHMA

Why is asthma mortality rising? [editorial] Walling AD. **Am Fam Physician** 1990 Aug;42(2):358
Respiratory responses of young asthmatic volunteers in controlled exposures to sulfuric acid aerosol. Avol EL, et al. **Am Rev Respir Dis** 1990 Aug;142(2):343–8
Airway hyperresponsiveness. Relevance of random population data to clinical usefulness [comment] Cockcroft DW, et al. **Am Rev Respir Dis** 1990 Sep;142(3):497–500. Comment on: Am Rev Respir Dis 1990 Sep;142(3):549–54.
The requirement for platelets in allergen-induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. Coyle AJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):587–93
The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581–6
Mucosal inflammation in asthma. Djukanović R, et al. **Am Rev Respir Dis** 1990 Aug;142(2):434–57 (377 ref.)
Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Nichol GM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):576–80
The interrelationship among bronchial hyperresponsiveness, the diagnosis of asthma, and asthma symptoms [see comments] Pattemore PK, et al. **Am Rev Respir Dis** 1990 Sep;142(3):549–54. Comment in: Am Rev Respir Dis 1990 Sep;142(3):497–500.
Predictors of asthma and persistent wheeze in a national sample of children in the United States. Association with social class, perinatal events, and race. Schwartz J, et al. **Am Rev Respir Dis** 1990 Sep;142(3):555–62
Inhaled salmeterol and salbutamol in asthmatic patients. An evaluation of asthma symptoms and the possible development of tachyphylaxis. Ullman A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):571–5
Effects of humid air breathing during arm or treadmill exercise on exercise-induced bronchoconstriction and refractoriness. Wilson BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):349–52
What do school teachers know about asthma? Bevis M, et al. **Arch Dis Child** 1990 Jun;65(6):622–5
Changes in asthma prevalence [letter] Mitchell EA, et al. **Arch Dis Child** 1990 Jun;65(6):646
Questionnaire to measure perceived symptoms and disability in asthma. Usherwood TP, et al. **Arch Dis Child** 1990 Jul; 65(7):779–81
A randomized trial to improve self-management practices of adults with asthma. Bailey WC, et al. **Arch Intern Med** 1990 Aug;150(8):1664–8
Late onset asthma. Ayres JG. **BMJ** 1990 Jun 23; 300(6740):1602–3 (25 ref.)
Prevalence of asthma in children [letter] Shaw RA, et al. **BMJ** 1990 Jun 23;300(6740):1652–3
Effect of beclomethasone dipropionate on the bronchial responsiveness to propranolol in asthmatics. Carpentiere G, et al. **Chest** 1990 Aug;98(2):263–5
Effects of aerosol administration of a thromboxane synthetase inhibitor (OKY-046) on bronchial responsiveness to acetylcholine in asthmatic subjects. Fujimura M, et al. **Chest** 1990 Aug;98(2):276–9
Severe exacerbations of COPD and asthma. Incremental benefit of adding ipratropium to usual therapy. Patrick DM, et al. **Chest** 1990 Aug;98(2):295–7
Occupational asthma in the egg processing industry [editorial; comment] Reed CE. **Chest** 1990 Aug;98(2):261–2. Comment on: Chest 1990 Aug;98(2):398–404.
Intrauterine growth is related to gestational pulmonary function in pregnant asthmatic women. Kaiser-Permanente Asthma and Pregnancy Study Group. Schatz M, et al. **Chest** 1990 Aug;98(2):389–92
Evaluation of occupational asthma from airborne egg protein exposure in multiple settings [see comments] Smith AB, et al. **Chest** 1990 Aug;98(2):398–404. Comment in: Chest 1990 Aug;98(2):261–2.
Variations of respiratory impedance with lung volume in bronchial hyperreactivity. van den Elshout FJ, et al. **Chest** 1990 Aug;98(2):358–64
Most asthmatics have gastroesophageal reflux with or without bronchodilator therapy. Sontag SJ, et al. **Gastroenterology** 1990 Sep;99(3):613–20
Ketotifen for long-term control of asthma in children [letter] Kerrebijn KF. **J Allergy Clin Immunol** 1990 Aug; 86(2):274–5
Urinary leukotriene E4 levels during early and late asthmatic responses. Manning PJ, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):211–20
The effect of albuterol aerosol on fine-motor performance in children with chronic asthma. Mazer B, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):243–8
Tachyphylaxis to inhaled histamine in asthma: its significance and relationship to basal airway responsiveness. Polosa R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):265–71
Allergens involved in occupational asthma caused by baby's breath (Gypsophila paniculata). Schroeckenstein DC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):189–93
Variations in theophylline concentrations detected by 24-hour saliva concentration profiles in ambulatory children with asthma. Tal A, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):238–43
Evolution of the late asthmatic reaction during immunotherapy and after stopping immunotherapy. Van Bever HP, et al. **J Allergy Clin Immunol** 1990 Aug; 86(2):141–6
Role of calcium in airway reactivity and asthma [letter] Weiss EB. **J Allergy Clin Immunol** 1990 Aug;86(2):274
Cromolyn versus theophylline for treatment of asthma [letter] Randolph C. **J Pediatr** 1990 Aug;117(2 Pt 1):339–40
Reflux and respiratory symptoms. **Lancet** 1990 Aug 4; 336(8710):282–3 (21 ref.)
Fenoterol and fatal asthma [letter] Elwood JM. **Lancet** 1990 Aug 18;336(8712):436–7
Latex as aeroallergen [letter] Lagier F, et al. **Lancet** 1990 Aug 25;336(8713):516–7
Exposure to house-dust mite allergen (Der p I) and the development of asthma in childhood. A prospective study. Sporik R, et al. **N Engl J Med** 1990 Aug 23;323(8):502–7
Methylprednisolone therapy for acute asthma in infants and toddlers: a controlled clinical trial. Tal A, et al. **Pediatrics** 1990 Sep;86(3):350–6

ASTROCYTOMA

Sex steroid receptors in intracranial tumors. Romić Stojković R, et al. **Cancer** 1990 May 1;65(9):1968–70
Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791–9

ATELECTASIS

Use of a nasal continuous positive airway pressure mask in the treatment of postoperative atelectasis in aortocoronary bypass surgery. Pinilla JC, et al. **Crit Care Med** 1990 Aug; 18(8):836–40

ATENOLOL

Comparative evaluation of cardioselectivity of metoprolol OROS and atenolol: a double-blind, placebo-controlled crossover study. Tantucci C, et al. **Am Heart J** 1990 Aug; 120(2):467–72
A comparison of the efficacy and safety of a beta-blocker, a calcium channel blocker, and a converting enzyme inhibitor in hypertensive blacks. Saunders E, et al. **Arch Intern Med** 1990 Aug;150(8):1707–13

ATHLETIC INJURIES

Water slide aquaplaning injury [letter] Davies PD. **BMJ** 1990 May 26;300(6736):1401
Cimetidine reduces running-associated gastrointestinal bleeding. A prospective observation. Baska RS, et al. **Dig Dis Sci** 1990 Aug;35(8):956–60
Capsulorrhaphy with a staple for recurrent posterior subluxation of the shoulder. Tibone J, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):999–1002
Avulsion of the ischial apophysis. The case for open reduction and internal fixation. Wootton JR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):625–7

ATLANTO-AXIAL JOINT

One-stage transoral decompression and posterior fixation in rheumatoid atlanto-axial subluxation. Crockard HA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):682–5

ATMOSPHERE

Skin cancer and the ozone shield [letter] Staehelin J, et al. **Lancet** 1990 Aug 25;336(8713):502

ATRACURIUM

Clinical evaluation of double-burst stimulation. Its relationship to train-of-four stimulation. Gill SS, et al. **Anaesthesia** 1990 Jul;45(7):543-8
Atracurium infusions without neuromuscular monitoring [letter] Inbasegaran K, et al. **Anaesthesia** 1990 Jul;45(7):599
Mitochondrial myopathy and anaesthesia [letter] Kelly A, et al. **Anaesthesia** 1990 Jul;45(7):596

ATRIAL FIBRILLATION

Quantification of human concealed atrioventricular nodal conduction: relation to ventricular response during atrial fibrillation. Fujiki A, et al. **Am Heart J** 1990 Sep; 120(3):598-603
Return of atrial mechanical function following electrical conversion of atrial dysrhythmias. O'Neill PG, et al. **Am Heart J** 1990 Aug;120(2):353-9
Atrial fibrillation. Thromboembolic risk and indications for anticoagulation. Wipf JE, et al. **Arch Intern Med** 1990 Aug; 150(8):1598-603 (64 ref.)
Low energy synchronous transcatheter cardioversion of atrial flutter/fibrillation in the dog. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):497-501
Increased intracardiovascular clotting in patients with chronic atrial fibrillation. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):377-80
Prevention of stroke in atrial fibrillation [letter] **N Engl J Med** 1990 Aug 16;323(7):481-4

ATRIAL FLUTTER

Return of atrial mechanical function following electrical conversion of atrial dysrhythmias. O'Neill PG, et al. **Am Heart J** 1990 Aug;120(2):353-9
False positive signal-averaged electrocardiogram produced by atrial flutter. Schrem SS, et al. **Am Heart J** 1990 Sep; 120(3):698-9
Low energy synchronous transcatheter cardioversion of atrial flutter/fibrillation in the dog. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):497-501

ATROPINE DERIVATIVES

Severe exacerbations of COPD and asthma. Incremental benefit of adding ipratropium to usual therapy. Patrick DM, et al. **Chest** 1990 Aug;98(2):295-7

ATTENTION

Painful shoulder in the hemiplegic and unilateral neglect. Poulin de Courval L, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):673-8
Microcomputer-based rehabilitation for unilateral left visual neglect: a randomized controlled trial. Robertson IH, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):663-8

ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY

Bupropion treatment of attention-deficit hyperactivity disorder in adults. Wender PH, et al. **Am J Psychiatry** 1990 Aug;147(8):1018-20
Brain morphology in developmental dyslexia and attention deficit disorder/hyperactivity. Hynd GW, et al. **Arch Neurol** 1990 Aug;47(8):919-26
Use of methylphenidate for attention deficit hyperactivity disorder [letter] **Can Med Assoc J** 1990 Aug 1;143(3):170-2

ATTITUDE

Risk assessment [letter] **Lancet** 1990 Aug 25;336(8713):510
Upon these rocks [editorial; comment] Rothstein JM. **Phys Ther** 1990 Aug;70(8):467-9. Comment on: Phys Ther 1990 Aug;70(8):470-6; discussion 476-9.

ATTITUDE OF HEALTH PERSONNEL

An experiential training program and medical students' attitudes toward patients with chemical dependency. Oldham SB, et al. **Acad Med** 1990 Jun;65(6):421-2
On being a physician [letter] Plutzky J. **Am J Med** 1990 Aug; 89(2):252
Attitudes to chemotherapy: comparing views of patients with cancer with those of doctors, nurses, and general public. Slevin ML, et al. **BMJ** 1990 Jun 2;300(6737):1458-60
Women in medicine: practice patterns and attitudes. Williams AP, et al. **Can Med Assoc J** 1990 Aug 1;143(3):194-201
Confidentiality in medical practice. Lako CJ, et al. **J Fam Pract** 1990 Aug;31(2):167-70
Don't stick me, but don't take all day. **JAMA** 1990 Sep 5; 264(9):1191
A piece of my mind. The next generation. Strahlman ER. **JAMA** 1990 Sep 5;264(9):1157
Concern about bovine spongiform encephalopathy [letter] Howard R, et al. **Lancet** 1990 Aug 4;336(8710):316

ATTITUDE TO DEATH

A piece of my mind. The next generation. Strahlman ER. **JAMA** 1990 Sep 5;264(9):1157

ATTITUDE TO HEALTH

Perception of teratogenic risk by pregnant women exposed to diagnostic radiation during pregnancy [letter] Mastroiacovo P, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):695
Questionnaire to measure perceived symptoms and disability in asthma. Usherwood TP, et al. **Arch Dis Child** 1990 Jul; 65(7):779-81
Norman Cousins' sick laughter redux. Elgee NJ. **Arch Intern Med** 1990 Aug;150(8):1588
Perimenopausal women's views on hormone replacement therapy [letter] Coope J. **BMJ** 1990 Jun 9;300(6738):1526
Attitudes to chemotherapy [letter] McGurk M, et al. **BMJ** 1990 Jul 7;301(6742):46
Attitudes to chemotherapy: comparing views of patients with cancer with those of doctors, nurses, and general public. Slevin ML, et al. **BMJ** 1990 Jun 2;300(6737):1458-60
HIV needs no visa, MD warns [news] **Can Med Assoc J** 1990 Aug 15;143(4):303
Medical ethics and women. **Can Med Assoc J** 1990 Aug 15; 143(4):249-52, 254
A piece of my mind. An elemental education. Elliott MA. **JAMA** 1990 Aug 22-29;264(8):1051

AUDITORY PERCEPTION

Indirect memory for words presented during anaesthesia [letter] Jelicic M, et al. **Lancet** 1990 Jul 28;336(8709):249

AURANOFIN

A multicentre double-blind comparison of auranofin, intramuscular gold thiomalate and placebo in patients with psoriatic arthritis. Palit J, et al. **Br J Rheumatol** 1990 Aug; 29(4):280-3

AUSCULTATION

Differences in blood pressure levels obtained by auscultatory and oscillometric methods. Weaver MG, et al. **Am J Dis Child** 1990 Aug;144(8):911-4

AUTHORSHIP

Abstract creep and author inflation [letter] Sobal J, et al. **N Engl J Med** 1990 Aug 16;323(7):488-9

AUTOANTIBODIES

Autoantibodies in alcoholic liver disease [see comments] Laskin CA, et al. **Am J Med** 1990 Aug;89(2):129-33. Comment in: Am J Med 1990 Aug;89(2):127-8.
Inhibitory cofactor of antiphospholipid antibody in normal pregnancy sera [letter] Cheng HM. **Am J Obstet Gynecol** 1990 Aug;163(2):701
Association between autoantibodies and unexplained infertility unproved [letter] Maier D. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):243
Laboratory identification of the lupus anticoagulant in normal pregnancy and pregnancy-induced hypertension [letter] Riveros DA, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):704-5
Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575-84
HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. **Arthritis Rheum** 1990 Aug;33(8):1240-8 (55 ref.)
CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Linker-Israeli M, et al. **Arthritis Rheum** 1990 Aug;33(8):1216-25 (52 ref.)
Glycoprotein specificity of cold-reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Mimura T, et al. **Arthritis Rheum** 1990 Aug; 33(8):1226-32
Association of autoantibodies to myeloperoxidase with different forms of vasculitis. Tervaert JW, et al. **Arthritis Rheum** 1990 Aug;33(8):1264-72
Autoantibodies against different histone H1 subtypes in systemic lupus erythematosus sera. Wesierska-Gadek J, et al. **Arthritis Rheum** 1990 Aug;33(8):1273-8
Evidence that chronic lymphocytic leukemia B lymphocytes are frequently committed to production of natural autoantibodies. Borche L, et al. **Blood** 1990 Aug 1; 76(3):562-9
Islet cell antibodies as predictive markers for IDDM in children with high background incidence of disease. Karjalainen JK. **Diabetes** 1990 Sep;39(9):1144-50
Recognition of common islet antigen by autoantibodies from NOD mice and humans with IDDM. Karounos DG, et al. **Diabetes** 1990 Sep;39(9):1085-90
Bile duct antibodies crossreacting with blood group antigens in primary sclerosing cholangitis. Jeffrey GP, et al. **Gut** 1990 Jun;31(6):698-701
A distinct subset of antineutrophil cytoplasmic antibodies is associated with inflammatory bowel disease. Saxon A, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):202-10
Antideoxyribonucleic acid antibodies in Graves' disease. McDermott MT, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):509-11
HLA-DQ gene complementation and other histocompatibility relationships in man with the anti-Ro/SSA autoantibody response of systemic lupus erythematosus. Fujisaku A, et al. **J Clin Invest** 1990 Aug; 86(2):606-11
Affinity chromatography of catalytic autoantibody to vasoactive intestinal peptide. Paul S, et al. **J Immunol** 1990 Aug 15;145(4):1196-9
False-positive autoantibodies in HIV infection [letter] Davenport A, et al. **Lancet** 1990 Aug 4;336(8710):317-8
Antibodies to thymic hormone and HLA-DQ in type I diabetes [letter] Kolb H, et al. **Lancet** 1990 Sep 1; 336(8714):570-1
Anti-glomerular basement membrane disease after renal obstruction [letter] Weber M, et al. **Lancet** 1990 Aug 25; 336(8713):512-3
Role of testing for anticytoplasmic autoantibodies in the differential diagnosis of scleritis and orbital pseudotumor. Kalina PH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1110-7
Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190-6
Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Levine SR, et al. **Neurology** 1990 Aug;40(8):1181-9

AUTOANTIGENS

Recognition of common islet antigen by autoantibodies from NOD mice and humans with IDDM. Karounos DG, et al. **Diabetes** 1990 Sep;39(9):1085-90
HLA-DQ gene complementation and other histocompatibility relationships in man with the anti-Ro/SSA autoantibody response of systemic lupus erythematosus. Fujisaku A, et al. **J Clin Invest** 1990 Aug; 86(2):606-11

AUTOIMMUNE DISEASES

Autoantibodies in alcoholic liver disease [see comments] Laskin CA, et al. **Am J Med** 1990 Aug;89(2):129-33. Comment in: Am J Med 1990 Aug;89(2):127-8.
Autoimmunity and alcoholic liver disease [comment] Zetterman RK. **Am J Med** 1990 Aug;89(2):127-8 (20 ref.) . Comment on: Am J Med 1990 Aug;89(2):129-33.
Immunoglobulin G fractions from patients with antiphospholipid antibodies cause fetal death in BALB/c mice: a model for autoimmune fetal loss. Branch DW, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):210-6
Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575-84
Immunogenetic analysis of beta-cell autoimmunity in NOD mice. Relationship of insulitis to T-lymphocyte-receptor beta nod and A beta nod genes. Winter WE, et al. **Diabetes** 1990 Aug;39(8):975-82
Soluble interleukin 2 receptors in autoimmune chronic active hepatitis. Lobo-Yeo A, et al. **Gut** 1990 Jun;31(6):690-3
Inhibition of type 1 diabetes in BB rats with recombinant human tumor necrosis factor-alpha. Satoh J, et al. **J Immunol** 1990 Sep 1;145(5):1395-9
Identification of a new V kappa gene family that is highly expressed in hybridomas from an autoimmune mouse strain. Shefner R, et al. **J Immunol** 1990 Sep 1;145(5):1609-14

AUTOIMMUNITY

Immunogenetic analysis of beta-cell autoimmunity in NOD mice. Relationship of insulitis to T-lymphocyte-receptor beta nod and A beta nod genes. Winter WE, et al. **Diabetes** 1990 Aug;39(8):975-82

AUTOMATIC DATA PROCESSING

Computerized literature reference system: use of an optical scanner and optical character recognition software. Lossef SV, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):617-9

AUTOMATISM

Speech automatisms [letter] Arlt G, et al. **Neurology** 1990 Aug;40(8):1320

AUTOMOBILE DRIVING

Impaired driving fitness after electrical or magnetic cortical stimulation [letter] Saltuari L, et al. **Lancet** 1990 Sep 1; 336(8714):563

AUTOMOBILES

Pediatric injuries in the back of pickup trucks. Agran PF, et al. **JAMA** 1990 Aug 8;264(6):712-6

AUTONOMIC NERVOUS SYSTEM

Autonomic nervous system activity during myocardial ischemia in man estimated by power spectral analysis of heart period variability. The Multicenter Study of Silent

Myocardial Ischemia Investigators. Bigger JT Jr, et al. **Am J Cardiol** 1990 Aug 15;66(4):497–8
Nerves and gastric mucosal protection [letter] Holzer P. **Dig Dis Sci** 1990 Aug;35(8):1048–51

AUTONOMIC NERVOUS SYSTEM DISEASES

Shy–Drager syndrome presenting as isolated paralysis of vocal cord abductors. Kew J, et al. **BMJ** 1990 Jun 2; 300(6737):1441
Autonomic neuropathy after cisplatin based chemotherapy [letter] Richardson P, et al. **BMJ** 1990 Jun 2; 300(6737):1466–7
Dysfunctional penile cholinergic nerves in diabetic impotent men. Blanco R, et al. **J Urol** 1990 Aug;144(2 Pt 1):278–80

AUTOPSY

Cardiac valve prostheses at autopsy. Zeien LB, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):933–7
The role of autopsy in death resulting from trauma. Stothert JC Jr, et al. **J Trauma** 1990 Aug;30(8):1021–5; discussion 1025–6

AWARDS AND PRIZES

1990 ARRS gold medals. Capp MP. **AJR Am J Roentgenol** 1990 Sep;155(3):638–40
The Endocrine Society 1990 annual awards. **Endocrinology** 1990 Aug;127(2):971–9
The Endocrine Society 1990 annual awards. **J Clin Endocrinol Metab** 1990 Aug;71(2):536–44
Pediatric Urology Medal. Dr. Jack Lapides: clinician, teacher, investigator and innovator. Kogan BA. **J Urol** 1990 Aug;144(2 Pt 2):514–6
Policy statement on grants and awards by the RSNA Research and Education Fund Board of Trustees. Baker HL Jr, et al. **Radiology** 1990 Sep;176(3):861–2

AXILLARY ARTERY

Axillofemoral bypass as a limb salvage procedure in high risk patients with aortoiliac disease. Naylor AR, et al. **Br J Surg** 1990 Jun;77(6):659–61
Percutaneous catheterization of the axillary artery in the pediatric patient. Cantwell GP, et al. **Crit Care Med** 1990 Aug;18(8):880–1

AXILLARY VEIN

Upper extremity venous thrombosis diagnosed by duplex scanning. Kerr TM, et al. **Am J Surg** 1990 Aug;160(2):202–6

AXIS

Occipitocervical fusion for reduction of traumatic periodontoid hypertrophic cicatrix. Case report. Lansen TA, et al. **J Neurosurg** 1990 Sep;73(3):466–70

AZATHIOPRINE

Natural killer cells in the blood of patients with rheumatoid arthritis treated with azathioprine. Czeuz R, et al. **Br J Rheumatol** 1990 Aug;29(4):284–7

AZEPINES

Effects of the PAF antagonist WEB 2086 on PAF–induced physiologic alterations and on IgE anaphylaxis in the rabbit. Lohman I, et al. **Am Rev Respir Dis** 1990 Aug;142(2):390–7

AZOLES

Azoles and AIDS. Larsen RA. **J Infect Dis** 1990 Sep; 162(3):727–30 (31 ref.)

BACILLUS

Infected foreign body due to Bacillus licheniformis in rheumatoid arthritis [letter] David LA, et al. **Br J Rheumatol** 1990 Aug;29(4):320

BACILLUS CEREUS

Complete visual recovery after Bacillus cereus endophthalmitis in a child. Beer PM, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):212–3

BACKACHE

Low back pain as the presenting symptom of metastatic angiosarcoma. Braker A, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):180–3
Low back pain: comparison of chiropractic and hospital outpatient treatment [letter] **BMJ** 1990 Jun 23; 300(6740):1647–50
Epidural anaesthesia and long term backache after childbirth. MacArthur C, et al. **BMJ** 1990 Jul 7;301(6742):9–12
Low back pain of mechanical origin: randomised comparison of chiropractic and hospital outpatient treatment. Meade TW, et al. **BMJ** 1990 Jun 2;300(6737):1431–7
Infrared thermographic imaging, magnetic resonance imaging, CT scan and myelography in low back pain. Thomas D, et al. **Br J Rheumatol** 1990 Aug;29(4):268–73
Chiropractors and low back pain [letter] **Lancet** 1990 Sep 1;336(8714):572–3
Chiropracters and low back pain [editorial] **Lancet** 1990 Jul 28;336(8709):220
Association between direction of lateral lumbar shift, movement tests, and side of symptoms in patients with low back pain syndrome. Tenhula JA, et al. **Phys Ther** 1990 Aug;70(8):480–6

BACTERIA

Secretion of phospholipases by bacterial pathogens may initiate preterm labor [letter] Bennett PR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):241–2
Microbial contamination of contact lens storage cases and solutions. Wilson LA, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):193–8
Bacteria in epidermal cysts [letter] Valentine MC. **Arch Dermatol** 1990 Aug;126(8):1103
Bacteriostatic and bactericidal actions of boric acid against bacteria and fungi commonly found in urine. Meers PD, et al. **J Clin Pathol** 1990 Jun;43(6):484–7
Hemorrhagic shock–induced bacterial translocation: the role of neutrophils and hydroxyl radicals. Deitch EA, et al. **J Trauma** 1990 Aug;30(8):942–51; discussion 951–2
Mixed gastric infection by Gastrospirillum hominis and Helicobacter pylori [letter] Queiroz DM, et al. **Lancet** 1990 Aug 25;336(8713):507–8
Altered motility and bacterial flora after functional end–to–end anastomosis. Hocking MP, et al. **Surgery** 1990 Aug;108(2):384–91; discussion 391–2
Food without fiber promotes bacterial translocation from the gut. Spaeth G, et al. **Surgery** 1990 Aug;108(2):240–6; discussion 246–7

BACTERIA, AEROBIC

The nonpuerperal breast infection: aerobic and anaerobic microbial recovery from acute and chronic disease. Edmiston CE Jr, et al. **J Infect Dis** 1990 Sep;162(3):695–9

BACTERIA, ANAEROBIC

The nonpuerperal breast infection: aerobic and anaerobic microbial recovery from acute and chronic disease. Edmiston CE Jr, et al. **J Infect Dis** 1990 Sep;162(3):695–9

BACTERIAL ADHESION

Challenge studies in volunteers using Escherichia coli strains with diffuse adherence to HEp–2 cells. Tacket CO, et al. **J Infect Dis** 1990 Aug;162(2):550–2
Bacterial adherence to urethral catheters. Roberts JA, et al. **J Urol** 1990 Aug;144(2 Pt 1):264–9

BACTERIAL INFECTIONS

Imaging of chronic renal infections. Kenney PJ. **AJR Am J Roentgenol** 1990 Sep;155(3):485–94 (40 ref.)
Unusual mitral annular vegetation diagnosed by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Aug;120(2):444–6
Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo–treated and dexamethasone–treated patients. Mustafa MM, et al. **Am J Dis Child** 1990 Aug;144(8):883–7
Clindamycin dosage scheduling for acute pelvic infection [letter] Chatwani A, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):240
Bacterial vaginosis: diagnostic and pathogenetic findings during topical clindamycin therapy. Livengood CH 3d, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):515–20
Fate of the exposed saphenous vein graft. Ouriel K, et al. **Am J Surg** 1990 Aug;160(2):148–50
Increased levels of interleukin–1 in bronchoalveolar washings from children with bacterial pulmonary infections. Wilmott RW, et al. **Am Rev Respir Dis** 1990 Aug;142(2):365–8
Cervical necrotizing fasciitis: an uncommon sequela to dental infection. Moss RM, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):643–6
Use of potentially infected donor hearts for cardiac transplantation. Lammermeier DE, et al. **Ann Thorac Surg** 1990 Aug;50(2):222–5
Postoperative Propionibacterium granulosum endophthalmitis [letter] Walker J, et al. **Arch Ophthalmol** 1990 Aug;108(8):1073–4
Oxygen delivery and oxygen uptake in postoperative and septic patients. Vermeij CG, et al. **Chest** 1990 Aug; 98(2):415–20
Calcium: does it have a therapeutic role in sepsis? [editorial; comment] Chernow B. **Crit Care Med** 1990 Aug; 18(8):895–6. Comment on: Crit Care Med 1990 Aug;18(8):851–7.
Pharmacodynamic response to ionized calcium during acute sepsis [see comments] Steinhorn DM, et al. **Crit Care Med** 1990 Aug;18(8):851–7. Comment in: Crit Care Med 1990 Aug;18(8):895–6.
Respiratory viruses interfere with bacteriologic response to antibiotic in children with acute otitis media. Chonmaitree T, et al. **J Infect Dis** 1990 Aug;162(2):546–9
Serum tumor necrosis factor levels in patients with infectious disease and septic shock. Offner F, et al. **J Lab Clin Med** 1990 Jul;116(1):100–5
Reliability of conventional ear swabs in tubotympanic CSOM. Raju KG, et al. **J Laryngol Otol** 1990 Jun; 104(6):460–2
Quinolones in acute non–travellers' diarrhoea. **Lancet** 1990 Aug 4;336(8710):282 (21 ref.)

BACTERIAL OUTER MEMBRANE PROTEINS

Outer membrane protein and lipopolysaccharide heterogeneity among Eikenella corrodens isolates. Chen CK, et al. **J Infect Dis** 1990 Sep;162(3):664–71
Enterotoxins and adhesins of enterotoxigenic Escherichia coli: are they risk factors for acute diarrhea in the community? López–Vidal Y, et al. **J Infect Dis** 1990 Aug; 162(2):442–7
A novel chromosomal TEM derivative and alterations in outer membrane proteins together mediate selective ceftazidime resistance in Escherichia coli. Weber DA, et al. **J Infect Dis** 1990 Aug;162(2):460–5

BACTERIAL PROTEINS

Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. Bessen D, et al. **J Immunol** 1990 Aug 15;145(4):1251–6
Accessory cell–independent stimulation of human T cells by streptococcal M protein superantigen. Kotb M, et al. **J Immunol** 1990 Sep 1;145(5):1332–6

BACTERIAL TOXINS

Haemolytic uraemic syndromes in the British Isles, 1985–8: association with verocytotoxin producing Escherichia coli. Part 2: Microbiological aspects. Kleanthous H, et al. **Arch Dis Child** 1990 Jul;65(7):722–7
New insights into the haemolytic uraemic syndromes. Milford DV, et al. **Arch Dis Child** 1990 Jul;65(7):713–5 (29 ref.)
Haemolytic uraemic syndromes in the British Isles 1985–8: association with verocytotoxin producing Escherichia coli. Part 1: Clinical and epidemiological aspects. Milford DV, et al. **Arch Dis Child** 1990 Jul;65(7):716–21
Seroepidemiologic evaluation of anti–toxic and anti–colonization factor immunity against infections by LT–producing Escherichia coli in rural Bangladesh. Clemens JD, et al. **J Infect Dis** 1990 Aug;162(2):448–53

BACTERIAL TYPING TECHNICS

Evaluation of two rapid methods for identifying and biotyping Haemophilus influenzae. Murphy PG, et al. **J Clin Pathol** 1990 Jul;43(7):581–3

BACTERIAL VACCINES

Prevention of influenza and pneumonia. Mostow SR, et al. **Am Rev Respir Dis** 1990 Aug;142(2):487–8
Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809–10
Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. Bessen D, et al. **J Immunol** 1990 Aug 15;145(4):1251–6
IgG subclass response and opsonization of Streptococcus pneumoniae after vaccination of healthy adults. Bardardottir E, et al. **J Infect Dis** 1990 Aug;162(2):482–8
Pneumococcal immunization: from policy to practice [editorial; comment] Schwartz B, et al. **JAMA** 1990 Sep 5;264(9):1154–5. Comment on: JAMA 1990 Sep 5;264(9):1117–22.
Effect of breast–feeding on antibody response to conjugate vaccine. Pabst HF, et al. **Lancet** 1990 Aug 4; 336(8710):269–70

BACTERIOLOGICAL TECHNICS

A simple method to detect Helicobacter pylori in gastric specimens. Schneider RE, et al. **BMJ** 1990 Jun 16; 300(6739):1559
ACP Broadsheet no 125: July 1990. Bacteriological diagnosis of diphtheria. Brooks R, et al. **J Clin Pathol** 1990 Jul; 43(7):576–80
Evaluation of Cathra system for identifying gram negative aerobic bacteria. Ling JM, et al. **J Clin Pathol** 1990 Jul; 43(7):587–90
Reliability of conventional ear swabs in tubotympanic CSOM. Raju KG, et al. **J Laryngol Otol** 1990 Jun; 104(6):460–2
Significance of crystal clear urine [letter] **Lancet** 1990 Aug 4;336(8710):320–1

BACTERIOLYSIS

The vir locus affects the response of Bordetella pertussis to antibiotics: phenotypic tolerance and control of autolysis. Tuomanen E, et al. **J Infect Dis** 1990 Aug;162(2):560–3

BACTERIURIA

Screening for asymptomatic bacteriuria, hematuria and proteinuria. The U.S. Preventive Services Task Force. **Am Fam Physician** 1990 Aug;42(2):389–95 (70 ref.)
Optimized urinary microscopy for assessment of bacteriuria in primary care. Ferry S, et al. **J Fam Pract** 1990 Aug; 31(2):153–9; discussion 159–61

BACTEROIDES

Outer membrane protein and lipopolysaccharide heterogeneity among Eikenella corrodens isolates. Chen CK, et al. **J Infect Dis** 1990 Sep;162(3):664–71
Bacteroides lipopolysaccharides (LPS) induce anaphylactoid and lethal reactions in LPS-responsive and -nonresponsive mice primed with muramyl dipeptide. Takada H, et al. **J Infect Dis** 1990 Aug;162(2):428–34

BALANITIS

An argument for circumcision. Prevention of balanitis in the adult. Fakjian N, et al. **Arch Dermatol** 1990 Aug; 126(8):1046–7

BALLOON DILATATION

Percutaneous mitral valvuloplasty with a single rubber-nylon balloon (Inoue balloon): long-term results in 71 patients. Chen CR, et al. **Am Heart J** 1990 Sep;120(3):561–8
Balloon valvuloplasty for mitral restenosis after previous surgery: a comparative study. Medina A, et al. **Am Heart J** 1990 Sep;120(3):568–71
Factors influencing the outcome of balloon aortic valvuloplasty in the elderly. Rodriguez AR, et al. **Am Heart J** 1990 Aug;120(2):373–80
Left ventricular performance and clinical outcome after repeat balloon aortic valvuloplasty. Davidson CJ, et al. **Ann Intern Med** 1990 Aug 1;113(3):250–2
Right sided endocarditis after balloon dilatation of the pulmonary valve. Kalra GS, et al. **Br Heart J** 1990 Jun; 63(6):368–9
Balloon dilatation of critical stenosis of the pulmonary valve in neonates. Ladusans EJ, et al. **Br Heart J** 1990 Jun; 63(6):362–7
Stretching the effect of the balloon. Mitral valvuloplasty and pulmonary function [editorial; comment] Bittl JA. **Chest** 1990 Aug;98(2):259–60. Comment on: Chest 1990 Aug;98(2):290–4.
Improvement in pulmonary function in mitral stenosis after percutaneous transvenous mitral commissurotomy [see comments] Yoshioka T, et al. **Chest** 1990 Aug;98(2):290–4 . Comment in: Chest 1990 Aug;98(2):259–60.
Prediction of successful outcome in 130 patients undergoing percutaneous balloon mitral valvotomy [see comments] Abascal VM, et al. **Circulation** 1990 Aug;82(2):448–56. Comment in: Circulation 1990 Aug;82(2):643–5.
Percutaneous mitral balloon valvulotomy or balloon valvuloplasty? It's not just semantics anymore [comment] Smucker ML. **Circulation** 1990 Aug;82(2):643–5. Comment on: Circulation 1990 Aug;82(2):448–56.
Balloon dilation of congenital valvular aortic stenosis [editorial; comment] Keane JF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):457–8. Comment on: J Am Coll Cardiol 1990 Aug;16(2):451–6.
Gradient reduction, aortic valve regurgitation and prolapse after balloon aortic valvuloplasty in 32 consecutive patients with congenital aortic stenosis [see comments] Shaddy RE, et al. **J Am Coll Cardiol** 1990 Aug;16(2):451–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):457–8.
Percutaneous balloon dilation of ureteral strictures after failed surgical repair in children. Aliabadi H, et al. **J Urol** 1990 Aug;144(2 Pt 2):486–8; discussion 492–3
Endourological management of ureteral strictures. Netto Júnior NR, et al. **J Urol** 1990 Sep;144(3):631–4
Balloon dilatation of the prostate. Dowd JB, et al. **Urol Clin North Am** 1990 Aug;17(3):671–7

BAND 3 PROTEIN

Relationship of the human erythrocyte Wrb antigen to an interaction between glycophorin A and band 3. Telen MJ, et al. **Blood** 1990 Aug 15;76(4):842–8

BANDAGES

The Kasabach-Merritt syndrome: treatment with intermittent pneumatic compression. Aylett SE, et al. **Arch Dis Child** 1990 Jul;65(7):790–1
Multiple graft harvestings from deep partial-thickness scald wounds healed under the influence of weak direct current. Chu CS, et al. **J Trauma** 1990 Aug;30(8):1044–9; discussion 1049–50
Amniotic membranes in the treatment of necrotizing fasciitis complicating vulvar herpes virus infection. Rothman PA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):534–6
Semipermeable dressing and transepidermal water loss in premature infants. Vernon HJ, et al. **Pediatrics** 1990 Sep; 86(3):357–62

BARIUM SULFATE

Anaphylactic reaction to barium enema [letter] al-Mudallal R, et al. **Am J Med** 1990 Aug;89(2):251
Childhood intussusception. Skipper RP, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):151–3

BASAL GANGLIA

Radiological case of the month. Basal ganglia injury after cardiopulmonary arrest: clinical and magnetic resonance imaging correlation. Jacobs MB, et al. **Am J Dis Child** 1990 Aug;144(8):937–8

BASAL GANGLIA DISEASES

Fluphenazine dose, clinical response, and extrapyramidal symptoms during acute treatment. Levinson DF, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):761–8
Cortical-basal ganglionic degeneration. Riley DE, et al. **Neurology** 1990 Aug;40(8):1203–12

BASAL METABOLISM

Resting energy expenditure in interstitial lung disease. Fitting JW, et al. **Am Rev Respir Dis** 1990 Sep;142(3):631–5
Long-term effects of dieting on resting metabolic rate in obese outpatients. Wadden TA, et al. **JAMA** 1990 Aug 8;264(6):707–11

BASEMENT MEMBRANE

Abnormal expression of G71 antibody at the epidermal basement membrane in basal cell carcinoma. Tidman MJ, et al. **Cancer** 1990 May 1;65(9):1955–9

BAY K 8644

Effects of high potassium concentration and dihydropyridine Ca2(+)-channel agonists on cytoplasmic Ca2+ and aldosterone production in rat adrenal glomerulosa cells. Balla T, et al. **Endocrinology** 1990 Aug;127(2):815–22

BCG VACCINE

The preparation, handling and use of intravesical bacillus Calmette-Guerin for the management of stage Ta, T1, carcinoma in situ and transitional cell cancer. Brosman SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):313–5
Long-term followup of patients treated with 1 or 2, 6-week courses of intravesical bacillus Calmette-Guerin: analysis of possible predictors of response free of tumor. Coplen DE, et al. **J Urol** 1990 Sep;144(3):652–7
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677

BECKWITH-WIEDEMANN SYNDROME

Beckwith-Wiedemann syndrome. Renal pathology at 4 months of age. Ponte P, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):393–7

BECLOMETHASONE

Purpura and dermal thinning associated with high dose inhaled corticosteroids. Capewell S, et al. **BMJ** 1990 Jun 16;300(6739):1548–51
Effect of beclomethasone dipropionate on the bronchial responsiveness to propranolol in asthmatics. Carpentiere G, et al. **Chest** 1990 Aug;98(2):263–5

BED OCCUPANCY

Regional variation in patterns of inpatient psychiatric care. Rosenheck R, et al. **Am J Psychiatry** 1990 Sep; 147(9):1180–3
Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9

BED REST

Immobilization-related lead toxicity in previously lead-poisoned children. Markowitz ME, et al. **Pediatrics** 1990 Sep;86(3):455–7

BEE VENOMS

Quantity, analysis, and lethality of European and Africanized honey bee venoms. Schumacher MJ, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):79–86
An HLA-associated nonresponsiveness to mellitin: a component of bee venom. Lympany P, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):160–70

BEHAVIOR, ANIMAL

Sedative and hypnotic midazolam-morphine interactions in rats. Kissin I, et al. **Anesth Analg** 1990 Aug;71(2):137–43

BEHAVIOR THERAPY

Paradoxical approach to the management of faecal incontinence in normal children. Knights B, et al. **Arch Dis Child** 1990 Jun;65(6):598–600; discussion 600–1
Post-prostatectomy urinary incontinence: response to behavioral training. Meaglia JP, et al. **J Urol** 1990 Sep; 144(3):674–6
Panic disorder and agoraphobia. Nondrug treatment options for primary care physicians. Ferentz KS. **Postgrad Med** 1990 Aug;88(2):185–92

BEHCET'S SYNDROME

Computed tomography of the sacroiliac joints in four patients with Behçet's syndrome—confirmation of sacroiliitis. Olivieri I, et al. **Br J Rheumatol** 1990 Aug;29(4):264–7

BENCE JONES PROTEIN

Frequency of light chain deposition nephropathy relative to renal amyloidosis and Bence Jones cast nephropathy in a necropsy study of patients with myeloma. Iványi B. **Arch Pathol Lab Med** 1990 Sep;114(9):986–7
Double Bence Jones proteinuria. Kanoh T, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):991–4

BENDROFLUMETHIAZIDE

Antihypertensive and adverse biochemical effects of bendrofluazide [letter] **BMJ** 1990 Jun 2;300(6737):1465–6
Antihypertensive and adverse biochemical effects of bendrofluazide [letter] Johnston GD. **BMJ** 1990 Jul 7; 301(6742):42–3

BENZAMIDES

Inhibition of cytokine-induced MHC class II but not class I molecule expression on mouse islet cells by niacinamide and 3-aminobenzamide. Yamada K, et al. **Diabetes** 1990 Sep;39(9):1125–30

BENZENE HEXACHLORIDE

Lest we become smug. Kassirer JP, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):33–5, 39, 47

BENZHYDRYL COMPOUNDS

Beclobrate and liver disease [letter] Aebi U, et al. **Ann Intern Med** 1990 Sep 15;113(6):483

BENZIDINES

Use of benzidine for histological demonstration of haemoglobin in human bite marks. Allison RT, et al. **J Clin Pathol** 1990 Jul;43(7):600–3

BENZIMIDAZOLES

Astemizole-induced paresthesia [letter] Kaufman HS, et al. **N Engl J Med** 1990 Sep 6;323(10):684

BENZOATES

Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. Oldenburg JB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1142–4

BENZODIAZEPINES

Evidence for less improvement in depression in patients taking benzodiazepines during unilateral ECT. Pettinati HM, et al. **Am J Psychiatry** 1990 Aug;147(8):1029–35
Patients withdrawn from benzodiazepines [letter] Livingston MG. **BMJ** 1990 Jun 16;300(6739):1588
Benzodiazepines in a health-catalog product [letter] DuPont RL, et al. **JAMA** 1990 Aug 8;264(6):695
Status epilepticus in adults. Brodie MJ. **Lancet** 1990 Sep 1; 336(8714):551–2

BENZOXEPINS

Severe self-poisoning with oxetorone: report of one case. Galerneau V, et al. **J Toxicol Clin Toxicol** 1990;28(1):111–6

BEREAVEMENT

Terminal care in general practice [letter] Gunnell DJ. **BMJ** 1990 May 26;300(6736):1400–1
Care of the suddenly bereaved. Yates DW, et al. **BMJ** 1990 Jul 7;301(6742):29–31

BERYLLIOSIS

On the differential diagnosis of chronic beryllium disease and sarcoidosis [letter] Jones-Williams W. **Am Rev Respir Dis** 1990 Sep;142(3):739–40

BETA-LACTAMASES

A novel chromosomal TEM derivative and alterations in outer membrane proteins together mediate selective ceftazidime resistance in Escherichia coli. Weber DA, et al. **J Infect Dis** 1990 Aug;162(2):460–5
Transferable cephalosporin resistance not inhibited by clavulanate in Escherichia coli [letter] Woodford N, et al. **Lancet** 1990 Jul 28;336(8709):253

BETA 2 MICROGLOBULIN

Rate and mechanism of generation of beta 2-microglobulin mutants from a heterozygous murine cell line. Rajan TV, et al. **J Immunol** 1990 Sep 1;145(5):1598-602

BETAMETHASONE

Dose response of thyrotropin-releasing hormone on pulmonary maturation in corticosteroid-treated preterm rabbits. Tabor BL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):669-76

BETAXOLOL

A double-masked three-month comparison between 0.25% betaxolol suspension and 0.5% betaxolol ophthalmic solution. Weinreb RN, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):189-92

BEVERAGES

Caffeine-containing beverages, total fluid consumption, and premenstrual syndrome. Rossignol AM, et al. **Am J Public Health** 1990 Sep;80(9):1106-10

Nutrient content and nutrition labeling of several processed Florida citrus juice products. Fellers PJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1079-84

BEZOARS

Case of the month. A Chinese puzzle. Williams JW, et al. **Br J Radiol** 1990 May;63(749):367-8

BICARBONATES

Lactic acidosis [letter] **Ann Intern Med** 1990 Aug 1; 113(3):254-6

Sucralfate, bismuth subcitrate, and gastric HCO3 in humans [letter] **Gut** 1990 Aug;31(8):958-9

BICYCLING

How bicycle-related injuries change bicycling practices in children. Nakayama DK, et al. **Am J Dis Child** 1990 Aug; 144(8):928-9

Handlebar hernia: diagnosis by abdominal computed tomography. Mitchiner JC. **Ann Emerg Med** 1990 Jul; 19(7):812-3

BILE

Regulation of plasma cholecystokinin levels by bile and bile acids in the rat. Ohta H, et al. **Gastroenterology** 1990 Sep; 99(3):819-25

BILE ACIDS AND SALTS

Regulation of plasma cholecystokinin levels by bile and bile acids in the rat. Ohta H, et al. **Gastroenterology** 1990 Sep; 99(3):819-25

Premicellar taurocholate avidly binds ferrous (Fe++) iron: a potential physiologic role for bile salts in iron absorption. Sanyal AJ, et al. **J Lab Clin Med** 1990 Jul;116(1):76-86

Adaptive cytoprotection of gastric surface epithelial cells against injury by physiologic concentrations of bile acid. Dempsey DT, et al. **Surgery** 1990 Aug;108(2):348-54; discussion 354-5

BILE DUCT DISEASES

Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Cavanzo FJ, et al. **Gastroenterology** 1990 Sep;99(3):854-6

BILE DUCT NEOPLASMS

Truncoumbilical bypass of the portal vein in radical resection of biliary tract tumour involving the hepatic duct confluence. Kumada K, et al. **Br J Surg** 1990 Jul; 77(7):749-51

Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930-5

BILE DUCT OBSTRUCTION, EXTRAHEPATIC

Management of the Mirizzi syndrome and the surgical implications of cholecystcholedochal fistula. Baer HU, et al. **Br J Surg** 1990 Jul;77(7):743-5

Truncoumbilical bypass of the portal vein in radical resection of biliary tract tumour involving the hepatic duct confluence. Kumada K, et al. **Br J Surg** 1990 Jul; 77(7):749-51

BILE DUCTS

Iatrogenic injury to the bile duct. Who, how, where? Moossa AR, et al. **Arch Surg** 1990 Aug;125(8):1028-30; discussion 1030-1

Management of severe acute cholangitis. Lai EC. **Br J Surg** 1990 Jun;77(6):604-5 (7 ref.)

Clogging of biliary endoprostheses: a new perspective. Coene PP, et al. **Gut** 1990 Aug;31(8):913-7

BILE DUCTS, INTRAHEPATIC

Bile duct antibodies crossreacting with blood group antigens in primary sclerosing cholangitis. Jeffrey GP, et al. **Gut** 1990 Jun;31(6):698-701

Disappearing bile ducts: immunologic mechanisms. Vierling JM, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):141-50

Normal intrahepatic bile ducts: CT depiction. Liddell RM, et al. **Radiology** 1990 Sep;176(3):633-5

BILIARY ATRESIA

Liver transplantation in children less than 1 year of age. Sokal EM, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):205-10

BILIARY TRACT DISEASES

Disappearing bile ducts: immunologic mechanisms. Vierling JM, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):141-50

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33-1990. A 72-year-old Chinese woman with recent abdominal pain and a right-sided abdominal mass. N **Engl J Med** 1990 Aug 16; 323(7):467-75

BILIARY TRACT SURGERY

Iatrogenic injury to the bile duct. Who, how, where? Moossa AR, et al. **Arch Surg** 1990 Aug;125(8):1028-30; discussion 1030-1

BILIRUBIN

Effect of indomethacin on binding of bilirubin to albumin. Lam BC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):690-1

Zinc protoporphyrin administration for suppression of increased bilirubin production by iatrogenic hemolysis in rhesus neonates. Vreman HJ, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):292-7

BINDING SITES

Active site-specific immunoassays. Mann KG, et al. **Blood** 1990 Aug 15;76(4):755-66

BIOETHICS

Bioethicists' statement on the U.S. Supreme Court's Cruzan decision. Annas GJ, et al. N **Engl J Med** 1990 Sep 6; 323(10):686-7

BIOFEEDBACK (PSYCHOLOGY)

Electromyographic versus rhythmic positional biofeedback in computerized gait retraining with stroke patients. Mandel AR, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):649-54

BIOLOGICAL FACTORS

Immunotherapy of collagen-induced arthritis by a T-cell antiproliferative molecule. Spannaus-Martin DJ, et al. **Am J Pathol** 1990 Aug;137(2):331-9

Enhanced prostaglandin E2 secretion by cytokine-stimulated human synoviocytes in the presence of subtherapeutic concentrations of nonsteroidal antiinflammatory drugs. Lindsley HB, et al. **Arthritis Rheum** 1990 Aug;33(8):1162-9

Cytokine regulation of the human burst-forming unit-megakaryocyte. Briddell RA, et al. **Blood** 1990 Aug 1;76(3):516-22

Cytokines act within the brain to inhibit luteinizing hormone secretion and ovulation in the rat. Rivier C, et al. **Endocrinology** 1990 Aug;127(2):849-56

Evaluation of the antibody-dependent cytotoxic capabilities of individual human monocytes. Role of Fc gamma RI and Fc gamma RII and the effects of cytokines at the single cell level. Connor RI, et al. **J Immunol** 1990 Sep 1; 145(5):1483-9

Macrophage deactivating factor and transforming growth factors-beta 1 -beta 2 and -beta 3 inhibit induction of macrophage nitrogen oxide synthesis by IFN-gamma. Ding A, et al. **J Immunol** 1990 Aug 1;145(3):940-4

The regulatory effects of cytokines on the induction of a peripheral immunologic tolerance in mice. Gahring LC, et al. **J Immunol** 1990 Sep 1;145(5):1318-23

BIOLOGICAL MARKERS

Islet cell antibodies as predictive markers for IDDM in children with high background incidence of disease. Karjalainen JK. **Diabetes** 1990 Sep;39(9):1144-50

Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women [see comments] Zemel MB, et al. N **Engl J Med** 1990 Aug 16;323(7):434-8. Comment in: N Engl J Med 1990 Aug 16;323(7):478-80.

Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190-6

BIOLOGICAL RESPONSE MODIFIERS

New uses for biological response modifiers? [news] Marwick C. **JAMA** 1990 Sep 12;264(10):1233

BIOPROSTHESIS

Flow characteristics of bioprosthetic heart valves. Rashtian MY, et al. **Chest** 1990 Aug;98(2):365-75

Validation and applications of indexed aortic prosthetic valve areas calculated by Doppler echocardiography. Dumesnil JG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):637-43

Invited letter concerning: stentless porcine aortic bioprosthesis [letter] Angell WW. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):317

Rest and exercise hemodynamics of 20 to 23 mm allograft, Medtronic Intact (porcine), and St. Jude Medical valves in the aortic position. Jaffe WM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):167-74

Microangiopathic hemolytic anemia as the initial manifestation of porcine valve failure. Enzenauer RJ, et al. **South Med J** 1990 Aug;83(8):912-7 (31 ref.)

BIOPSY

Preventing cervical conization by achieving satisfactory colposcopy with hygroscopic cervical dilators. Stern JL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):176-7

Three cases of fatal cardiac tamponade following ventricular endocardial biopsy. Craven CM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):836-9

Use of Gynocheck endometrial tissue sampler in infertility. Smith RN. **Br J Obstet Gynaecol** 1990 May;97(5):454-5

Differential marking of excision planes in screened breast lesions by organically coloured gelatins. Armstrong JS, et al. **J Clin Pathol** 1990 Jul;43(7):604-7

Alcian blue: reliable rapid method for marking resection margins [letter] Birch PJ, et al. **J Clin Pathol** 1990 Jul; 43(7):608-9

Significant postoperative hemorrhage following biopsy of a prostate tumor metastatic to the mandibular condyle: report of a case. Catrambone RJ, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):858-61

BIOPSY, NEEDLE

Left atrial air embolism during intraoperative needle biopsy of a deep pulmonary lesion. Worth ER, et al. **Anesthesiology** 1990 Aug;73(2):342-5

Marrow aspiration from small infants [letter] Carr R. **Arch Dis Child** 1990 Jul;65(7):813

Image-guided needle biopsy of inaccessible head and neck lesions. Robbins KT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):957-61

Interpretation of diagnostic cytology with likelihood ratios. Giard RW, et al. **Arch Pathol Lab Med** 1990 Aug; 114(8):852-4

Diagnosis of soft tissue tumours by Tru-Cut biopsy. Ball AB, et al. **Br J Surg** 1990 Jul;77(7):756-8

Ultrasonically guided histological and cytological fine needle biopsies of the pancreas. Reliability and reproducibility of diagnoses. Glenthøj A, et al. **Gut** 1990 Aug;31(8):930-3

Minicore needle biopsy of kidney transplants: a safer sampling method. Belitsky P, et al. **J Urol** 1990 Aug;144(2 Pt 1):310-1

Automated biopsy devices: significance and safety [editorial; comment] Bernardino ME. **Radiology** 1990 Sep; 176(3):615-6. Comment on: Radiology 1990 Sep;176(3):671-6. Comment on: Radiology 1990 Sep;176(3):677-9. Comment on: Radiology 1990 Sep;176(3):725-7. Comment on: Radiology 1990 Sep;176(3):741-7.

The pump maneuver: an atraumatic adjunct to enhance US needle tip localization. Bisceglia M, et al. **Radiology** 1990 Sep;176(3):867-8

Biopsy of the pancreas with a biopsy gun [see comments] Elvin A, et al. **Radiology** 1990 Sep;176(3):677-9. Comment in: Radiology 1990 Sep;176(3):615-6.

Efficacy of automated biopsy guns versus conventional biopsy needles in the pygmy pig [see comments] Hopper KD, et al. **Radiology** 1990 Sep;176(3):671-6. Comment in: Radiology 1990 Sep;176(3):615-6.

Comparison of 22-gauge Chiba and screw-tipped needles for cytologic diagnosis of malignancy in in vitro tumor specimens. Mindell HJ, et al. **Radiology** 1990 Sep; 176(3):681-2

Stereotactic breast biopsy with a biopsy gun [see comments] Parker SH, et al. **Radiology** 1990 Sep;176(3):741-7. Comment in: Radiology 1990 Sep;176(3):615-6.

Percutaneous pediatric renal biopsy: use of the biopsy gun [see comments] Poster RB, et al. **Radiology** 1990 Sep; 176(3):725-7. Comment in: Radiology 1990 Sep;176(3):615-6.

A guidance device for CT-guided procedures. Reyes GD. **Radiology** 1990 Sep;176(3):863-4

BIOTECHNOLOGY

The impact of genetics and biotechnology on medicine. Fifth President's Symposium of the 83rd annual scientific assembly of the Southern Medical Association. Washington, D.C., Nov 5-8, 1989. Proceedings. **South Med J** 1990 Aug;83(8):867-82

BIPOLAR DISORDER

Bipolar affective disorder and heterozygous beta-thalassemia [letter] Bocchetta A, et al. **Am J Psychiatry** 1990 Aug; 147(8):1094
Life events and the course of bipolar disorder. Ellicott A, et al. **Am J Psychiatry** 1990 Sep;147(9):1194-8
Unnecessary confusion about opposite findings in two studies of tricyclic treatment of bipolar illness [letter] Wehr TA. **Arch Gen Psychiatry** 1990 Aug;47(8):787-8
Tyrosine hydroxylase polymorphisms and manic-depressive illness [letter] Nöthen M, et al. **Lancet** 1990 Sep 1; 336(8714):575
Maternal lithium therapy and polyhydramnios. Ang MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):517-9

BIRTH INJURIES

Can shoulder dystocia be predicted? [letter] Gimbel GL. **Am J Obstet Gynecol** 1990 Aug;163(2):680
Obstetric accidents: a review of 64 cases. Ennis M, et al. **BMJ** 1990 May 26;300(6736):1365-7

BIRTH WEIGHT

Birthweight specific trends in cerebral palsy. Pharoah PO, et al. **Arch Dis Child** 1990 Jun;65(6):602-6
Intrauterine growth is related to gestational pulmonary function in pregnant asthmatic women. Kaiser-Permanente Asthma and Pregnancy Study Group. Schatz M, et al. **Chest** 1990 Aug;98(2):389-92
Retinopathy of prematurity-induced blindness: birth weight-specific survival and the new epidemic. Gibson DL, et al. **Pediatrics** 1990 Sep;86(3):405-12

BISMUTH

Bismuth therapy in gastrointestinal diseases. Gorbach SL. **Gastroenterology** 1990 Sep;99(3):863-75 (138 ref.)

BITES AND STINGS

Use of benzidine for histological demonstration of haemoglobin in human bite marks. Allison RT, et al. **J Clin Pathol** 1990 Jul;43(7):600-3
Hepatitis C virus transmitted by human bite [letter] Dusheiko GM, et al. **Lancet** 1990 Aug 25;336(8713):503-4
Reported cat bites in Dallas: characteristics of the cats, the victims, and the attack events. Wright JC. **Public Health Rep** 1990 Jul-Aug;105(4):420-4

BLACKS

Hypertensive black men and women. Quality of life and effects of antihypertensive medications. Black Hypertension Quality of Life Multicenter Trial Group. Croog SH, et al. **Arch Intern Med** 1990 Aug;150(8):1733-41
Poisoning admissions of black South Africans. Joubert PH. **J Toxicol Clin Toxicol** 1990;28(1):85-94
Underreporting of minority AIDS deaths in San Francisco Bay area, 1985-86. Lindan CP, et al. **Public Health Rep** 1990 Jul-Aug;105(4):400-4
Mortality from diabetes mellitus, ischemic heart disease, and cerebrovascular disease among blacks in a higher income area. Polednak AP. **Public Health Rep** 1990 Jul-Aug; 105(4):393-9
A church-based cholesterol education program. Wiist WH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):381-8

BLADDER

A vesicovaginal fistula and intravesical foreign body. A rare case of the neglected pessary. Goldstein I, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):589-91
Alterations in bladder volume and the ultrasound appearance of the cervix. Mason GC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):457-8
The ultrasound cystodynamogram--a new radiological technique. Boothroyd AE, et al. **Br J Radiol** 1990 May; 63(749):331-2
Urethral dilation improves bladder compliance in children with myelomeningocele and high leak point pressures. Bloom DA, et al. **J Urol** 1990 Aug;144(2 Pt 2):430-3; discussion 443-4
Augmentation cystoplasty in rats: development of an animal model. Guan ZC, et al. **J Urol** 1990 Aug;144(2 Pt 2):461-5; discussion 474
Bladder augmentation: experience with 129 children and young adults. Hendren WH, et al. **J Urol** 1990 Aug;144(2 Pt 2):445-53; discussion 460
Management of pregnancy after augmentation cystoplasty. Hill DE, et al. **J Urol** 1990 Aug;144(2 Pt 2):457-9; discussion 460
Eosinophilic cystitis in a renal allograft recipient. Horner SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):342-3
Neurofibromatosis: bladder involvement with malignant degeneration. Hulse CA. **J Urol** 1990 Sep;144(3):742-3
Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. Iacovou JW, et al. **J Urol** 1990 Sep;144(3):775-9
Transurethral incision of the bladder neck and prostate. Katz PG, et al. **J Urol** 1990 Sep;144(3):694-6
Ontogeny of bladder function in the rabbit. Keating MA, et al. **J Urol** 1990 Sep;144(3):766-9
The effect of back closure on detrusor function in neonates with myelomeningocele. Kroovand RL, et al. **J Urol** 1990 Aug;144(2 Pt 2):423-5; discussion 443-4
Submucosal injection of polyvinyl alcohol foam in rabbit bladder. Merguerian PA, et al. **J Urol** 1990 Aug;144(2 Pt 2):531-3; discussion 545
Blunt trauma of uterovaginal and vesical prolapse with associated bladder rupture. Miller CG, et al. **J Urol** 1990 Aug;144(2 Pt 1):348-50
Failure of combined supratrigonal cystectomy and Mainz ileocecocystoplasty in intractable interstitial cystitis: is histology and mast cell count a reliable predictor for the outcome of surgery? Nielsen KK, et al. **J Urol** 1990 Aug; 144(2 Pt 1):255-8; discussion 258-9
Management of urinary incontinence by bladder tube urethral lengthening and submucosal reimplantation. Nill TG, et al. **J Urol** 1990 Aug;144(2 Pt 2):559-61; discussion 562-3
Seromuscular enterocystoplasty in dogs. Salle JL, et al. **J Urol** 1990 Aug;144(2 Pt 2):454-6; discussion 460
Duplicate bladder exstrophy: a new variant of clinical and embryological significance. Sheldon CA, et al. **J Urol** 1990 Aug;144(2 Pt 1):334-6
Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390-2
Fetal bladder histology in posterior urethral valves and the prune belly syndrome. Workman SJ, et al. **J Urol** 1990 Aug;144(2 Pt 1):337-9
Application of the AS-800 artificial sphincter for intractable urinary incontinence in females. Parulkar BG, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):131-8

BLADDER DISEASES

Detrusor instability--current management. Cardozo L. **Br J Obstet Gynaecol** 1990 Jun;97(6):463-6 (15 ref.)
The treatment of detrusor instability in post-menopausal women with oxybutynin chloride: a double blind placebo controlled study. Tapp AJ, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):521-6
Blunt trauma of uterovaginal and vesical prolapse with associated bladder rupture. Miller CG, et al. **J Urol** 1990 Aug;144(2 Pt 1):348-50

BLADDER EXSTROPHY

A technique for bladder neck reconstruction in exstrophy: the cinch. Koff SA. **J Urol** 1990 Aug;144(2 Pt 2):546-9; discussion 562-3
Continent urinary reservoirs in pediatric urological practice. Leonard MP, et al. **J Urol** 1990 Aug;144(2 Pt 1):330-3
Fascia lata and early spica casting as adjuncts in closure of bladder exstrophy. Scherz HC, et al. **J Urol** 1990 Aug;144(2 Pt 2):550-3; discussion 562-3
Duplicate bladder exstrophy: a new variant of clinical and embryological significance. Sheldon CA, et al. **J Urol** 1990 Aug;144(2 Pt 1):334-6
Genital outflow tract obstruction in an adolescent with cloacal exstrophy. Visnesky PM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):548-51

BLADDER FISTULA

Fetal vesicorectal fistula causing oligohydramnios in the second trimester. Case report. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1990 May;97(5):449-51
Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Hill LM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):500-2

BLADDER NECK OBSTRUCTION

Transurethral incision of the bladder neck and prostate. Katz PG, et al. **J Urol** 1990 Sep;144(3):694-6
Multichannel urodynamic studies in men with benign prostatic hyperplasia. Indications and interpretation. Blaivas JG. **Urol Clin North Am** 1990 Aug;17(3):543-52 (34 ref.)
Transurethral resection versus transurethral incision of the prostate. Orandi A. **Urol Clin North Am** 1990 Aug; 17(3):601-12
Principles and clinical application of advanced urodynamic analysis of voiding function. Schäfer W. **Urol Clin North Am** 1990 Aug;17(3):553-66 (24 ref.)
Interpretation of urinary flow rates. Siroky MB. **Urol Clin North Am** 1990 Aug;17(3):537-42 (16 ref.)

BLADDER NEOPLASMS

Glutathione-S-transferase activity in human superficial transitional cell carcinoma of the bladder. Comparison with healthy controls. Lafuente A, et al. **Cancer** 1990 May 1; 65(9):2064-8
Advanced small cell carcinoma of the bladder. Successful treatment with combined radical cystoprostatectomy and adjuvant methotrexate, vinblastine, doxorubicin, and cisplatin chemotherapy. Oesterling JE, et al. **Cancer** 1990 May 1;65(9):1928-36
Multiple myeloma of the bladder and vagina. Weide R, et al. **Cancer** 1990 Sep 1;66(5):989-91
Expression of CD15 antigen in urinary bladder transitional cell carcinoma. Parham DM, et al. **J Clin Pathol** 1990 Jul; 43(7):541-3
RE: Complications of whole bladder dihematoporphyrin ether photodynamic therapy [letter] **J Urol** 1990 Sep; 144(3):750-1
A combined therapy of hyperthermia and tumor necrosis factor for nude mice bearing KK-47 bladder cancer. Amano T, et al. **J Urol** 1990 Aug;144(2 Pt 1):370-4
Low dose intravesical heparin as prophylaxis against recurrent noninvasive (stage Ta) bladder cancer. Bitsch M, et al. **J Urol** 1990 Sep;144(3):635-6
The preparation, handling and use of intravesical bacillus Calmette-Guerin for the management of stage Ta, T1, carcinoma in situ and transitional cell cancer. Brosman SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):313-5
Long-term followup of patients treated with 1 or 2, 6-week courses of intravesical bacillus Calmette-Guerin: analysis of possible predictors of response free of tumor. Coplen DE, et al. **J Urol** 1990 Sep;144(3):652-7
Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. Flamm J, et al. **J Urol** 1990 Aug;144(2 Pt 1):260-3
A randomized controlled study of intravesical alpha-2b-interferon in carcinoma in situ of the bladder. Glashan RW. **J Urol** 1990 Sep;144(3):658-61
Urethral recurrence following radical cystectomy. Hardeman SW, et al. **J Urol** 1990 Sep;144(3):666-9
Quantitative immunocytology in the management of patients with superficial bladder carcinoma. I. A marker to identify patients who do not require prophylaxis. Huland E, et al. **J Urol** 1990 Sep;144(3):637-9; discussion 639-40
Neurofibromatosis: bladder involvement with malignant degeneration. Hulse CA. **J Urol** 1990 Sep;144(3):742-3
The role of radical cystectomy in the management of high grade superficial bladder cancer (PA, P1, PIS and P2). Malkowicz SB, et al. **J Urol** 1990 Sep;144(3):641-5
The use of transrectal ultrasound in the detection and evaluation of local pelvic recurrences after a radical urological pelvic operation. Parra RO, et al. **J Urol** 1990 Sep;144(3):707-9
Mechanisms of human bladder tumor invasion: role of protease cathepsin B. Weiss RE, et al. **J Urol** 1990 Sep; 144(3):798-804
Deoxyribonucleic acid flow cytometry in predicting response to radical radiotherapy of bladder cancer. Wijkström H, et al. **J Urol** 1990 Sep;144(3):646-50; discussion 650-1
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677
Preneoplastic lesions induced by myc and src oncogenes in reconstituted mouse bladder. Wagner HE, et al. **Surgery** 1990 Aug;108(2):146-52; discussion 152-3

BLADDER, NEUROGENIC

Is evaluation of the right colon necessary prior to cecocystoplasty? Beshai AZ, et al. **J Urol** 1990 Aug;144(2 Pt 1):359-61
Urethral dilation improves bladder compliance in children with myelomeningocele and high leak point pressures. Bloom DA, et al. **J Urol** 1990 Aug;144(2 Pt 2):430-3; discussion 443-4
Continent urinary reservoirs in pediatric urological practice. Leonard MP, et al. **J Urol** 1990 Aug;144(2 Pt 1):330-3

BLEOMYCINS

Life-threatening bleomycin pulmonary toxicity with ultimate reversibility. Hartmann LC, et al. **Chest** 1990 Aug; 98(2):497-9
Systemic toxicity following intracavitary administration of bleomycin. Siegel RD, et al. **Chest** 1990 Aug;98(2):507

BLINDNESS

Diabetic retinopathy [letter] **N Engl J Med** 1990 Aug 30; 323(9):613-4
Retinopathy of prematurity-induced blindness: birth weight-specific survival and the new epidemic. Gibson DL, et al. **Pediatrics** 1990 Sep;86(3):405-12

BLOOD

Oxygenated cardioplegia: blood is a many splendored thing [comment] Buckberg GD. **Ann Thorac Surg** 1990 Aug; 50(2):175-7. Comment on: Ann Thorac Surg 1990 Aug;50(2):230-7.
Preservation of myocardial function and biochemistry after blood and oxygenated crystalloid cardioplegia during cardiac arrest [see comments] Coetzee A, et al. **Ann Thorac Surg** 1990 Aug;50(2):230-7. Comment in: Ann Thorac Surg 1990 Aug;50(2):175-7.
Risks of blood exposure to the cardiac surgical team. Pate JW. **Ann Thorac Surg** 1990 Aug;50(2):248-50

BLOOD BACTERICIDAL ACTIVITY

Separation of sublethal and lethal effects of polymorphonuclear leukocytes on Escherichia coli. Mannion BA, et al. **J Clin Invest** 1990 Aug;86(2):631-41

BLOOD-BRAIN BARRIER

A commentary on correlates between cerebrospinal fluid gamma-globulins and magnetic resonance imaging in multiple sclerosis. Baumhefner RW, et al. **Arch Neurol** 1990 Aug;47(8):841-3

Downregulation of blood-brain barrier glucose transporter in experimental diabetes. Pardridge WM, et al. **Diabetes** 1990 Sep;39(9):1040-4

Blood-brain barrier disruption in brain-tumor therapy [letter] Rapoport SI. **J Neurosurg** 1990 Sep;73(3):475-7

BLOOD CELLS

Hematologic effects of recombinant murine granulocyte-macrophage colony-stimulating factor on the peripheral blood and bone marrow. Ulich TR, et al. **Am J Pathol** 1990 Aug;137(2):369-76

Growth factors and blood cells. Ross DW. **Arch Pathol Lab Med** 1990 Sep;114(9):995-6

A new hematopoietic cell line, KMT-2, having human interleukin-3 receptors. Tamura S, et al. **Blood** 1990 Aug 1;76(3):501-7

BLOOD CHEMICAL ANALYSIS

The impact of whole-blood testing on response time. A challenge for the new College of American Pathologists Q-Probes program. Kost GJ. **Arch Pathol Lab Med** 1990 Sep;114(9):921-2

New whole-blood testing for laboratory support of critical care at cardiac transplant centers and US hospitals. Kost GJ, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):865-8

BLOOD COAGULATION

Inactivation of heparin during extracorporeal circulation in infants. Green TP, et al. **Clin Pharmacol Ther** 1990 Aug; 48(2):148-54

Clot-bound thrombin is protected from inhibition by heparin-antithrombin III but is susceptible to inactivation by antithrombin III-independent inhibitors. Weitz JI, et al. **J Clin Invest** 1990 Aug;86(2):385-91

BLOOD COAGULATION DISORDERS

Avoiding coagulopathy in vascular surgery. Tawes RL Jr, et al. **Am J Surg** 1990 Aug;160(2):212-6

The rational use of coagulation studies in obstetrics: an audit. Basu SN, et al. **Br J Obstet Gynaecol** 1990 May;97(5):452-4

The coagulopathy of childhood leukemia. Thrombin activation or primary fibrinolysis? Abshire TC, et al. **Cancer** 1990 Aug 15;66(4):716-21

BLOOD COAGULATION FACTORS

Laboratory identification of the lupus anticoagulant in normal pregnancy and pregnancy-induced hypertension [letter] Riveros DA, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):704-5

Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575-84

Tuftsin induces tissue factor-like activity in human mononuclear cells and in monocytic cell lines. Kornberg A, et al. **Blood** 1990 Aug 15;76(4):814-9

Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190-6

BLOOD COAGULATION TESTS

Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575-84

BLOOD DONORS

High frequency of human T-cell leukemia-lymphoma virus type II infection in New Mexico blood donors: determination by sequence-specific oligonucleotide hybridization. Hjelle B, et al. **Blood** 1990 Aug 1;76(3):450-4

Infectivity of blood that is immunoblot intermediate reactive on hepatitis C virus antibody testing [letter] Bellobuono A, et al. **Lancet** 1990 Aug 4;336(8710):309

Screening donors for hepatitis C virus antibody [letter] Cash JD. **Lancet** 1990 Aug 4;336(8710):309

Detection of hepatitis C virus RNA in serum [letter] Clewley JP. **Lancet** 1990 Aug 4;336(8710):309-10

Early US experience with anti-HCV kit in blood donors [letter] Menitove JE, et al. **Lancet** 1990 Jul 28; 336(8709):244-5

HTLV-I/II antibodies in UK blood donors [letter] Salker R, et al. **Lancet** 1990 Aug 4;336(8710):317

Hepatitis C virus RNA in symptomless donors implicated in post-transfusion non-A, non-B hepatitis [letter] Zanetti AR, et al. **Lancet** 1990 Aug 18;336(8712):448

BLOOD FLOW VELOCITY

Blood flow velocity and pulsatile diameter changes in the fetal descending aorta: a longitudinal study. Stale H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):26-9

BLOOD GLUCOSE

Metabolic response to glucose ingested with various amounts of protein. Westphal SA, et al. **Am J Clin Nutr** 1990 Aug; 52(2):267-72

Glucose tolerance in pregnancy: ethnic variation and influence of body habitus. Green JR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):86-92

Gestational diabetes mellitus: the prevalence of glucose intolerance and diabetes mellitus in the first two months post partum. Kjos SL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):93-8

Relation between maternal-to-fetal blood glucose gradient and uterine and umbilical Doppler blood flow measurements. Economides DL, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):543-4

Reversal of glomerular hyperfiltration and renal hypertrophy by blood glucose normalization in diabetic rats. Stackhouse S, et al. **Diabetes** 1990 Aug;39(8):989-95

Effects of altered glucose homeostasis on glucose transporter expression in skeletal muscle of the rat. Bourey RE, et al. **J Clin Invest** 1990 Aug;86(2):542-7

Failure of substrate-induced gluconeogenesis to increase overall glucose appearance in normal humans. Demonstration of hepatic autoregulation without a change in plasma glucose concentration. Jenssen T, et al. **J Clin Invest** 1990 Aug;86(2):489-97

Specificity of hypoglycaemia for cerebral malaria in children. Kawo NG, et al. **Lancet** 1990 Aug 25;336(8713):454-7

BLOOD GROUP INCOMPATIBILITY

Hemolytic transfusion reaction due to interdonor kell incompatibility. Report of two cases and review of the literature. Reiner AP, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):862-4 (26 ref.)

Liver transplantation across ABO blood group barriers. Gugenheim J, et al. **Lancet** 1990 Sep 1;336(8714):519-23

BLOOD GROUPING AND CROSSMATCHING

Hemolytic transfusion reaction due to interdonor kell incompatibility. Report of two cases and review of the literature. Reiner AP, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):862-4 (26 ref.)

BLOOD GROUPS

Hemolytic transfusion reaction due to interdonor kell incompatibility. Report of two cases and review of the literature. Reiner AP, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):862-4 (26 ref.)

Relationship of the human erythrocyte Wrb antigen to an interaction between glycophorin A and band 3. Telen MJ, et al. **Blood** 1990 Aug 15;76(4):842-8

Bile duct antibodies crossreacting with blood group antigens in primary sclerosing cholangitis. Jeffrey GP, et al. **Gut** 1990 Jun;31(6):698-701

BLOOD PLATELETS

Changes in platelet angiotensin II binding sites associated with the human menstrual cycle. Baker PN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):175-6

Altered platelet alpha 2-adrenergic receptor binding sites in borderline personality disorder. Southwick SM, et al. **Am J Psychiatry** 1990 Aug;147(8):1014-7

The requirement for platelets in allergen-induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. Coyle AJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):587-93

The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Kickler TS, et al. **Blood** 1990 Aug 15;76(4):849-52

Subcellular distribution and characterization of acetylcholinesterase activities from sheep platelets: relationships between temperature-dependence and environment. Sánchez-Yagüe J, et al. **Blood** 1990 Aug 15; 76(4):737-44

Identification of the pertussis toxin-sensitive G proteins in platelets, megakaryocytes, and human erythroleukemia cells. Williams AG, et al. **Blood** 1990 Aug 15;76(4):721-30

Platelet specific monoclonal antibody [letter] Rhys Davies E. **Br J Radiol** 1990 Jun;63(750):501

Decreased high affinity state in platelet alpha 2-adrenoceptors from diabetic patients with orthostatic hypotension. Senard JM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):311-7

Dose-dependent platelet stimulation and inhibition induced by anti-PIA1 IgG. Ryu T, et al. **J Lab Clin Med** 1990 Jul;116(1):91-9

Platelet-rich plasma reduces postoperative blood loss after cardiopulmonary bypass. DelRossi AJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):281-6

Platelets and the beginnings of preeclampsia [editorial; comment] Redman CW. **N Engl J Med** 1990 Aug 16; 323(7):478-80. Comment on: N Engl J Med 1990 Aug 16;323(7):434-8.

Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women [see comments] Zemel MB, et al. **N Engl J Med** 1990 Aug 16;323(7):434-8. Comment in: N Engl J Med 1990 Aug 16;323(7):478-80.

Evidence for a defect in NADH: ubiquinone oxidoreductase (complex I) in Huntington's disease. Parker WD JR, et al. **Neurology** 1990 Aug;40(8):1231-4

Cytochrome oxidase deficiency in Alzheimer's disease. Parker WD Jr, et al. **Neurology** 1990 Aug;40(8):1302-3

BLOOD PRESSURE

Noninvasive estimation of right atrial pressure from the inspiratory collapse of the inferior vena cava. Kircher BJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):493-6

Pericardial constrictive tissue buffers cardiac transmural pressures [letter] Spodick DH. **Am J Cardiol** 1990 Aug 15;66(4):528

Circulatory effects of fast ventilator rates in preterm infants. Fenton AC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):662-6

The effects of weight reduction on blood pressure in 301 obese patients. Schotte DE, et al. **Arch Intern Med** 1990 Aug;150(8):1701-4

Sodium and potassium intake and blood pressure change in childhood [letter] Sinclair L, et al. **BMJ** 1990 May 26; 300(6736):1397

Relaxation therapy and continuous ambulatory blood pressure in mild hypertension: a controlled study. van Montfrans GA, et al. **BMJ** 1990 May 26;300(6736):1368-72

Blood pressure, fitness, and fatness in 5- and 6-year-old children. Gutin B, et al. **JAMA** 1990 Sep 5;264(9):1123-7

BLOOD PRESSURE DETERMINATION

Effects of nifedipine SR and enalapril on office, home and ambulatory blood pressure in "white-coat" systemic hypertension. Ashida T, et al. **Am J Cardiol** 1990 Aug 15; 66(4):498-501

Differences in blood pressure levels obtained by auscultatory and oscillometric methods. Weaver MG, et al. **Am J Dis Child** 1990 Aug;144(8):911-4

Blood pressure measured telemetrically from home throughout pregnancy. Mooney P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):30-6

Cuff-link [editorial] **Lancet** 1990 Aug 18;336(8712):410

Potential problems with random zero sphygmomanometer [letter] **Lancet** 1990 Jul 28;336(8709):254-5

BLOOD PRESSURE MONITORS

Differences in blood pressure levels obtained by auscultatory and oscillometric methods. Weaver MG, et al. **Am J Dis Child** 1990 Aug;144(8):911-4

BLOOD PROTEINS

The ontogeny of a 57-Kd cationic antimicrobial protein of human polymorphonuclear leukocytes: localization to a novel granule population. Pereira HA, et al. **Blood** 1990 Aug 15;76(4):825-34

Relationship of visceral proteins to nutritional status in chronic and acute stress [letter] Sherman BW, et al. **Crit Care Med** 1990 Aug;18(8):898-9

Effect of endogenous digoxin-like substances on the interpretation of high concentrations of digoxin in children. Stone J, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):321-5

Abnormal distribution of CF delta F508 allele in azoospermic men with congenital aplasia of epididymis and vas deferens [letter] Dumur V, et al. **Lancet** 1990 Aug 25;336(8713):512

Anticardiolipin antibodies and binding of anionic phospholipids and serum protein [letter] Harris EN, et al. **Lancet** 1990 Aug 25;336(8713):505-6

BLOOD SEDIMENTATION

Polymyalgia rheumatica and persistent ESR elevation [letter] Grayson MF. **Br J Rheumatol** 1990 Aug;29(4):316

BLOOD SPECIMEN COLLECTION

Detection of fetal blood contamination by amniotic fluid obtained during cordocentesis. Lazebnik N, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):78-80

Intravenous catheter aspiration for obtaining basic analytes during intravenous infusion. Herr RD, et al. **Ann Emerg Med** 1990 Jul;19(7):789-92

Blood culture phlebotomy: switching needles does not prevent contamination. Krumholz HM, et al. **Ann Intern Med** 1990 Aug 15;113(4):290-2

BLOOD TRANSFUSION

The extent of transfusion medicine education during the fourth year at U.S. and Canadian medical schools. Fang WL, et al. **Acad Med** 1990 Jun;65(6):419

Incidence and range of carboxyhaemoglobin in blood for transfusion. Freeman R, et al. **Anaesthesia** 1990 Jul;

45(7):581-3
Shock, transfusion, and pneumonectomy. Death is due to right heart failure and increased pulmonary vascular resistance. Cryer HG, et al. **Ann Surg** 1990 Aug; 212(2):197-201
Hemolytic transfusion reaction due to interdonor kell incompatibility. Report of two cases and review of the literature. Reiner AP, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):862-4 (26 ref.)
The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Kickler TS, et al. **Blood** 1990 Aug 15;76(4):849-52
Association between transfusion with plasma and the recurrence of colorectal carcinoma. Marsh J, et al. **Br J Surg** 1990 Jun;77(6):623-6
Hepatitis C virus and transfusion transmitted liver disease: review. Underwood JC. **J Clin Pathol** 1990 Jun;43(6):445-7 (40 ref.)
Prevalence of antibodies to human immunodeficiency virus and to human T cell leukemia virus type I in transfused sickle cell disease patients. Castro O, et al. **J Infect Dis** 1990 Sep;162(3):743-5
Borrelia burgdorferi: survival in experimentally infected human blood processed for transfusion. Johnson SE, et al. **J Infect Dis** 1990 Aug;162(2):557-9
Long-term management of splenic sequestration in children with sickle cell disease. Kinney TR, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):194-9
A comparison of 2 protocols for living-related renal transplantation in children: donor-specific transfusions versus cyclosporine. Leone MR, et al. **J Urol** 1990 Sep; 144(3):721-3
Effect of blood transfusions on immune function. Part VI. Effect on immunologic response to tumor. Waymack JP, et al. **Surgery** 1990 Aug;108(2):172-7; discussion 177-8

BLOOD TRANSFUSION, AUTOLOGOUS

Intraoperative autotransfusion in vascular surgery. Reddy DJ, et al. **Arch Surg** 1990 Aug;125(8):1012-5; discussion 1015-6
Recombinant human erythropoietin as adjuvant treatment for autologous blood donation. Graf H, et al. **BMJ** 1990 Jun 23;300(6740):1627-8
Autologous transfusion [letter] Harrison NW. **BMJ** 1990 Jun 2;300(6737):1464
Platelet-rich plasma reduces postoperative blood loss after cardiopulmonary bypass. DelRossi AJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):281-6

BLOOD TRANSFUSION, INTRAUTERINE

Hyperkalemia after irradiation of packed red blood cells: possible effects with intravascular fetal transfusion. Thorp JA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):607-9

BLOOD VESSEL PROSTHESIS

Repair of thoracic dissections [letter] Hammond GL. **Ann Thorac Surg** 1990 Aug;50(2):330
Vein graft permeability [letter] Kennedy JH, et al. **Ann Thorac Surg** 1990 Aug;50(2):334
Heparin-resistant thrombus formation by endovascular stents in baboons. Interruption by a synthetic antithrombin. Krpski WC, et al. **Circulation** 1990 Aug;82(2):570-7
Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Rodgers GP, et al. **Circulation** 1990 Aug;82(2):560-9
Invited letter concerning: inferior vena cava-pulmonary artery extracardiac conduit [letter; comment] Doty DB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):313-4. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):228-32.
Inferior vena cava-pulmonary artery extracardiac conduit. A new form of right heart bypass [see comments] Marcelletti C, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):228-32. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):313-4.
Fibrin glue-antibiotic suspension in the prevention of prosthetic graft infection. Ney AL, et al. **J Trauma** 1990 Aug;30(8):1000-5; discussion 1005-6

BLOOD VESSELS

Frequency of vascular injury with blunt trauma-induced extremity injury. Bunt TJ, et al. **Am J Surg** 1990 Aug; 160(2):226-8
An experience with upper-extremity vascular trauma. Cikrit DF, et al. **Am J Surg** 1990 Aug;160(2):229-33

BLOOD VISCOSITY

Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. Koppensteiner R, et al. **BMJ** 1990 Jun 23;300(6740):1626-7

BLOOD VOLUME

Atrial volume in cirrhosis: relationship to blood volume and plasma concentration of atrial natriuretic factor. Rector WG Jr, et al. **Gastroenterology** 1990 Sep;99(3):766-70

BLOODLETTING

Effects of single and repeated blood withdrawals on circulating mononuclear cells in BB rats. Failure to prevent diabetes despite acute changes in counts. Marliss EB, et al. **Diabetes** 1990 Sep;39(9):1099-105
Extreme hyperferremia in two instances of hemochromatosis with notes on the treatment of one patient by means of repeated venesection. 1952 [classical article] Howard RB, et al. **J Lab Clin Med** 1990 Jul;116(1):121-32

BLOTTING, WESTERN

Interpretation of western blots of specimens from children infected with human immunodeficiency virus type 1: implications for prognosis and diagnosis. Walter EB, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):255-8

BODY COMPOSITION

Validation of bioelectrical-impedance analysis as a measurement of change in body composition in obesity. Kushner RF, et al. **Am J Clin Nutr** 1990 Aug;52(2):219-23
Body composition of adult cystic fibrosis patients and control subjects as determined by densitometry, bioelectrical impedance, total-body electrical conductivity, skinfold measurements, and deuterium oxide dilution. Newby MJ, et al. **Am J Clin Nutr** 1990 Aug;52(2):209-13
Effects of age and body composition on the metabolic responses to elective colon resection. Watters JM, et al. **Ann Surg** 1990 Aug;212(2):213-20
Blood pressure, fitness, and fatness in 5- and 6-year-old children. Gutin B, et al. **JAMA** 1990 Sep 5;264(9):1123-7

BODY CONSTITUTION

Glucose tolerance in pregnancy: ethnic variation and influence of body habitus. Green JR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):86-92

BODY HEIGHT

Evaluation of accuracy and reliability of calipers for measuring recumbent knee height in elderly people. Cockram DB, et al. **Am J Clin Nutr** 1990 Aug; 52(2):397-400
Linear growth in the early neonatal period. Bishop NJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):707-8
Parent-specific evaluation of growth [letter] Himes JH, et al. **Arch Dis Child** 1990 Jun;65(6):647
Growth after gut resection for Crohn's disease. McLain BI, et al. **Arch Dis Child** 1990 Jul;65(7):760-2
Acute clonidine administration potentiates spontaneous diurnal, but not nocturnal, growth hormone secretion in normal short children. Ghigo E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):433-5

BODY IMAGE

Child sexual abuse sequelae and body-image surgery. Morgan E, et al. **Plast Reconstr Surg** 1990 Sep;86(3):475-8; discussion 479-80

BODY MASS INDEX

Maternal obesity: a potential source of error in sonographic prenatal diagnosis. Wolfe HM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):339-42

BODY TEMPERATURE

Maintenance of body temperature in elderly patients who have joint replacement surgery. A comparison between the heat and moisture exchanger and heated humidifier. Yam PC, et al. **Anaesthesia** 1990 Jul;45(7):563-5
Skin-surface warming: heat flux and central temperature. Sessler DI, et al. **Anesthesiology** 1990 Aug;73(2):218-24

BODY WEIGHT

Maternal body weight and pregnancy outcome. Naeye RL. **Am J Clin Nutr** 1990 Aug;52(2):273-9
The effect of adjusting maternal serum alpha-fetoprotein levels for maternal weight in pregnancies with fetal open spina bifida. A United States collaborative study. Johnson AM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):9-11
Weight and dieting concerns in adolescents, fashion or symptom? Casper RC, et al. **Pediatrics** 1990 Sep; 86(3):384-90

BONE AND BONES

New method for bone biopsy [letter] Cassel D. **AJR Am J Roentgenol** 1990 Sep;155(3):658
A simple method for coloring digital radiographs (of bone) [letter] Channin DS. **AJR Am J Roentgenol** 1990 Sep; 155(3):657-8
Growth of linear parameters in trisomy 18 fetuses. Droste S, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):158-61
Relationship between plasma calcium fractions, other bone-related variables, and serum follicle-stimulating hormone levels in premenopausal, perimenopausal, and postmenopausal women. Nordin BE, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):140-5
Pseudopermeative skeletal lesions. Helms CA, et al. **Br J Radiol** 1990 Jun;63(750):461-7
Immunohistochemical observations on bone morphogenetic protein in normal and abnormal conditions. Yang LJ, et al. **Clin Orthop** 1990 Aug;(257):249-56
Biological activity assessment of 1 alpha,25-dihydroxyvitamin D3-26,23-lactone and its intermediate metabolites in vivo and in vitro. Ishizuka S, et al. **Endocrinology** 1990 Aug;127(2):695-701
Pharmacological regulation of the circulation of bone. Brinker MR, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):964-75
Technique for identifying cutting artefacts in sections of undecalcified bone biopsy specimens. Wood DJ, et al. **J Clin Pathol** 1990 Jun;43(6):516-7
Aluminium deposition in bone after contamination of drinking water supply. Eastwood JB, et al. **Lancet** 1990 Aug 25;336(8713):462-4
The effect of rigid fixation on the survival of onlay bone grafts: an experimental study. Lin KY, et al. **Plast Reconstr Surg** 1990 Sep;86(3):449-56
Clinical radionuclide bone imaging. Holder LE. **Radiology** 1990 Sep;176(3):607-14 (97 ref.)

BONE CEMENTS

Perioperative blood loss associated with total knee arthroplasty. A comparison of procedures performed with and without cementing. Mylod AG Jr, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1010-2

BONE CYSTS

Radiological cases of the month. Expansile bone cyst in osteogenesis imperfecta. Goodman P, et al. **Am J Dis Child** 1990 Aug;144(8):933-4
Aneurysmal bone cyst of the maxillary sinus. Hady MR, et al. **J Laryngol Otol** 1990 Jun;104(6):501-3

BONE DENSITY

Accelerated bone loss in hypothyroid patients overtreated with L-thyroxine. Stall GM, et al. **Ann Intern Med** 1990 Aug 15;113(4):265-9
Dietary calcium, sex hormones, and bone mineral density in men. Kelly PJ, et al. **BMJ** 1990 May 26;300(6736):1361-4
Bone density screening for osteoporosis [letter] **Lancet** 1990 Aug 25;336(8713):502-3
Bone density screening for osteoporosis [letter] Raffle AE, et al. **Lancet** 1990 Jul 28;336(8709):242
Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265-9
Decreased bone density in adolescent girls with anorexia nervosa. Bachrach LK, et al. **Pediatrics** 1990 Sep; 86(3):440-7
Acronym for dual-energy x-ray absorptiometry [letter] Wilson CR, et al. **Radiology** 1990 Sep;176(3):875-6

BONE DEVELOPMENT

Heterotopic new bone formation causes resorption of the inductive bone matrix. Nilsson OS, et al. **Clin Orthop** 1990 Aug;(257):280-5
Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Turner RT, et al. **Endocrinology** 1990 Sep; 127(3):1346-51

BONE DISEASES

Pseudopermeative skeletal lesions. Helms CA, et al. **Br J Radiol** 1990 Jun;63(750):461-7
Eosinophilic granuloma. The management of solitary lesions of bone. Greis PE, et al. **Clin Orthop** 1990 Aug;(257):204-11 (21 ref.)
Treatment of benign lesions of the femoral head and neck. Jaffe KA, et al. **Clin Orthop** 1990 Aug;(257):134-7

BONE DISEASES, METABOLIC

Paradoxical bone mineralisation in the twin to twin transfusion syndrome. Bishop NJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):705-6

BONE LENGTHENING

Late lengthening of the fibula for malaligned ankle fractures. Ward AJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):714-7

BONE MARROW

Hematologic effects of recombinant murine granulocyte-macrophage colony-stimulating factor on the peripheral blood and bone marrow. Ulich TR, et al. **Am J Pathol** 1990 Aug;137(2):369-76
Marrow aspiration from small infants [letter] Carr R. **Arch Dis Child** 1990 Jul;65(7):813
Marrow embolus to posterior ciliary vessel. Kalina PH, et

al. **Arch Pathol Lab Med** 1990 Sep;114(9):979–80
Mixed-lineage leukemia revisited: acute lymphocytic leukemia with myeloperoxidase-positive blasts by electron microscopy. Kantarjian HM, et al. **Blood** 1990 Aug 15; 76(4):808–13
Establishment and characterization of a granulocyte-macrophage colony-stimulating factor-dependent human myeloid cell line. Oez S, et al. **Blood** 1990 Aug 1;76(3):578–82
Inhibition of human colony-forming-unit erythroid by tumor necrosis factor requires accessory cells. Means RT Jr, et al. **J Clin Invest** 1990 Aug;86(2):538–41
Bone marrow biopsy in monoclonal gammopathies: correlations between pathological findings and clinical data. The Cooperative Group for Study and Treatment of Multiple Myeloma. Riccardi A, et al. **J Clin Pathol** 1990 Jun;43(6):469–75
Comparison of immunoscintigraphy and colloid scintigraphy of bone marrow [letter] Munz DL, et al. **Lancet** 1990 Jul 28;336(8709):258–9
Minimal residual disease in childhood B-lineage lymphoblastic leukemia. Persistence of leukemic cells during the first 18 months of treatment. Yamada M, et al. **N Engl J Med** 1990 Aug 16;323(7):448–55

BONE MARROW DISEASES

Effects of recombinant human interleukin-3 in patients with normal hematopoiesis and in patients with bone marrow failure. Ganser A, et al. **Blood** 1990 Aug 15;76(4):666–76

BONE MARROW EXAMINATION

Misuse of marrow examination in the diagnosis of Gaucher disease. Beutler E, et al. **Blood** 1990 Aug 1;76(3):646–8

BONE MARROW TRANSPLANTATION

Prevalence of clinically relevant bacteremia after upper gastrointestinal endoscopy in bone marrow transplant recipients. Bianco JA, et al. **Am J Med** 1990 Aug; 89(2):134–6
Bone marrow transplantation: what is the question? [editorial] Chao NJ, et al. **Ann Intern Med** 1990 Sep 1;113(5):340–1
High-dose etoposide and cyclophosphamide without bone marrow transplantation for resistant hematologic malignancy. Brown RA, et al. **Blood** 1990 Aug 1; 76(3):473–9
High-dose chemotherapy and autologous bone marrow transplantation in acute myeloid leukemia. McMillan AK, et al. **Blood** 1990 Aug 1;76(3):480–8
An antibody that facilitates hematopoietic engraftment recognizes CD44. Sandmaier BM, et al. **Blood** 1990 Aug 1;76(3):630–5
Recombinant human granulocyte colony-stimulating factor accelerates hematopoietic recovery after DLA-identical littermate marrow transplants in dogs. Schuening FG, et al. **Blood** 1990 Aug 1;76(3):636–40
Acute upper gastrointestinal graft-versus-host disease: clinical significance and response to immunosuppressive therapy. Weisdorf DJ, et al. **Blood** 1990 Aug 1;76(3):624–9
Psoriasis and bone marrow transplantation [letter] Jowitt SN, et al. **BMJ** 1990 May 26;300(6736):1398–9
An overview of bone marrow transplantation for chronic myeloid leukemia. Barnett MJ, et al. **Can Med Assoc J** 1990 Aug 1;143(3):187–93 (57 ref.)
High-dose chemotherapy and unpurged autologous bone marrow transplantation for acute leukemia in second or subsequent remission. Spinolo JA, et al. **Cancer** 1990 Aug 15;66(4):619–26
Murine cytomegalovirus infection can enhance hybrid resistance through modulation of host natural killer activity. Muluk SC, et al. **J Immunol** 1990 Aug 15; 145(4):1113–9
Response to tetanus toxoid immunization after allogeneic bone marrow transplantation. Ljungman P, et al. **J Infect Dis** 1990 Aug;162(2):496–500
Cytomegalovirus excretion as a predictor of cytomegalovirus disease after marrow transplantation: importance of cytomegalovirus viremia. Meyers JD, et al. **J Infect Dis** 1990 Aug;162(2):373–80
Immunomodulatory and antimicrobial efficacy of intravenous immunoglobulin in bone marrow transplantation. Sullivan KM, et al. **N Engl J Med** 1990 Sep 13;323(11):705–12

BONE MATRIX

Heterotopic new bone formation causes resorption of the inductive bone matrix. Nilsson OS, et al. **Clin Orthop** 1990 Aug;(257):280–5
Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Turner RT, et al. **Endocrinology** 1990 Sep; 127(3):1346–51

BONE NAILS

Radiological cases of the month. Expansile bone cyst in osteogenesis imperfecta. Goodman P, et al. **Am J Dis Child** 1990 Aug;144(8):933–4
A comparison of the Brooker-Wills and Russell-Taylor nails for treatment of patients who have fractures of the femoral shaft. Blumberg KD, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1019–24
Remodelling after pinning for slipped capital femoral epiphysis. Jones JR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):568–73

BONE NEOPLASMS

Osteosarcomas in transgenic mice expressing an alpha-amylase-SV40 T-antigen hybrid gene. Knowles BB, et al. **Am J Pathol** 1990 Aug;137(2):259–62
Mesenchymal chondrosarcoma. An immunohistochemical study. Swanson PE, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):943–8
Pediatric osteosarcoma. Successful retreatment of relapsed primary tumor and soft tissue recurrence with intraarterial cis-diamminedichloroplatin-II. Epelman S, et al. **Cancer** 1990 Aug 15;66(4):801–5
Giant cell tumours of the proximal fibula. Farooque M, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):723–4
Comparison of immunoscintigraphy and colloid scintigraphy of bone marrow [letter] Munz DL, et al. **Lancet** 1990 Jul 28;336(8709):258–9

BONE PLATES

Refracture after removal of a condylar plate from the distal third of the femur. Böstman OM. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1013–8
Carbon fibre composite bone plates. Development, evaluation and early clinical experience. Ali MS, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):586–91
Removal of forearm plates. A review of the complications. Langkamer VG, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):601–4
Rigid internal fixation vs. traditional techniques for the treatment of mandible fractures. Hoffman WY, et al. **J Trauma** 1990 Aug;30(8):1032–5; discussion 1035–6

BONE RESORPTION

Heterotopic new bone formation causes resorption of the inductive bone matrix. Nilsson OS, et al. **Clin Orthop** 1990 Aug;(257):280–5
Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. Moore JW, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):808–12

BONE SCREWS

Refracture after removal of a condylar plate from the distal third of the femur. Böstman OM. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1013–8
The placement of screws above the zygomaticofrontal suture. Zide MF, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):813–6

BONE TRANSPLANTATION

Mechanical behavior of mandibular continuity defects reconstructed using combinations of hydroxylapatite and autogenous bone. Eick JD, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):823–30
The effect of rigid fixation on the survival of onlay bone grafts: an experimental study. Lin KY, et al. **Plast Reconstr Surg** 1990 Sep;86(3):449–56

BORDERLINE PERSONALITY DISORDER

Borderline personality and multiple earrings: a possible correlation? [letter] Ali AH. **Am J Psychiatry** 1990 Sep; 147(9):1251
Substance use in borderline personality disorder. Dulit RA, et al. **Am J Psychiatry** 1990 Aug;147(8):1002–7
Childhood sexual and physical abuse in adult patients with borderline personality disorder. Ogata SN, et al. **Am J Psychiatry** 1990 Aug;147(8):1008–13
Altered platelet alpha 2-adrenergic receptor binding sites in borderline personality disorder. Southwick SM, et al. **Am J Psychiatry** 1990 Aug;147(8):1014–7
Borderline patients' view of their parents [letter] Wise TN, et al. **Am J Psychiatry** 1990 Aug;147(8):1104–5

BORDETELLA PERTUSSIS

The vir locus affects the response of Bordetella pertussis to antibiotics: phenotypic tolerance and control of autolysis. Tuomanen E, et al. **J Infect Dis** 1990 Aug;162(2):560–3

BORIC ACIDS

Bacteriostatic and bactericidal actions of boric acid against bacteria and fungi commonly found in urine. Meers PD, et al. **J Clin Pathol** 1990 Jun;43(6):484–7

BORRELIA BURGDORFERI

Lyme borreliosis in laboratory animals: effect of host species and in vitro passage of Borrelia burgdorferi. Moody KD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):87–92
Borrelia burgdorferi: survival in experimentally infected human blood processed for transfusion. Johnson SE, et al. **J Infect Dis** 1990 Aug;162(2):557–9
Diagnostic tests for Lyme disease [letter] **JAMA** 1990 Aug 8;264(6):692–3

BOTTLE FEEDING

Infant feeding redux. Cone TE Jr. **Pediatrics** 1990 Sep; 86(3):473–4

BOTULINUM TOXINS

Botulinum toxin injections in the treatment of seventh nerve misdirection. Putterman AM. **Am J Ophthalmol** 1990 Aug 15;110(2):205–6
Double-blind, placebo-controlled trial of botulinum toxin injections for the treatment of spasmodic torticollis. Greene P, et al. **Neurology** 1990 Aug;40(8):1213–8

BRACHIAL ARTERY

Long-term follow-up of brachial artery ligation in children. Lally KP, et al. **Ann Surg** 1990 Aug;212(2):194–6

BRACHIAL PLEXUS

Transfer of the trapezius for flail shoulder after brachial plexus injury. Aziz W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):701–4

BRACHYTHERAPY

Neodymium:YAG laser and brachytherapy in the management of inoperable bronchogenic carcinoma. Miller JI Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):190–5; discussion 195–6
Radiation-induced prostatic sarcoma: a case report. Scully JM, et al. **J Urol** 1990 Sep;144(3):746–8
125iodine reimplantation for locally progressive prostatic carcinoma. Wallner KE, et al. **J Urol** 1990 Sep;144(3):704–6
Treatment of choroidal melanoma: MR imaging in the assessment of radioactive plaque position. Hanna SL, et al. **Radiology** 1990 Sep;176(3):851–3

BRADYCARDIA

Recurrent bradycardia due to latent sick sinus syndrome [letter] Levy DM. **Anaesthesia** 1990 Jun;45(6):488–9
Craniotomy drains and bradycardias [letter] Stokes DN, et al. **Anaesthesia** 1990 Jun;45(6):495–6

BRADYKININ

Glucocorticoids suppress levels of immunoreactive bradykinin in inflamed tissue as evaluated by microdialysis probes. Hargreaves KM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):168–78
Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390–2

BRAIN

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233–40
Brain mechanisms underlying motor skill learning in the rat. Thompson R, et al. **Am J Phys Med Rehabil** 1990 Aug; 69(4):191–7
The pathology of human cerebral malaria. Aikawa M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):30–7 (17 ref.)
Cerebrovascular and cerebral metabolic effects of N2O in unrestrained rats. Baughman VL, et al. **Anesthesiology** 1990 Aug;73(2):269–72
Magnetic resonance imaging and neurobehavioral correlates in schizencephaly. Aniskiewicz AS, et al. **Arch Neurol** 1990 Aug;47(8):911–6
Brain morphology in developmental dyslexia and attention deficit disorder/hyperactivity. Hynd GW, et al. **Arch Neurol** 1990 Aug;47(8):919–26
Neoplastic angioendotheliomatosis. Raroque HG Jr, et al. **Arch Neurol** 1990 Aug;47(8):929–30
Laterality of performance in fingertapping rate and grip strength by hemisphere of stroke and gender. Robinson LM, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):695–8
Differential effects of human and pork insulin-induced hypoglycemia on neuronal functions in humans. Kern W, et al. **Diabetes** 1990 Sep;39(9):1091–8
Characterization of the receptors for peptide-YY and avian pancreatic polypeptide in chicken and pig brains. Inui A, et al. **Endocrinology** 1990 Aug;127(2):934–41
Characterization of insulin-like growth factor binding proteins produced in the rat central nervous system. Ocrant I, et al. **Endocrinology** 1990 Sep;127(3):1260–7
Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. Reul JM, et al. **Endocrinology** 1990 Aug;127(2):907–15
Gonadotropin-releasing hormone messenger ribonucleic acid levels are unaltered with changes in the gonadal hormone milieu of the adult male rat. Wiemann JN, et al.

Endocrinology 1990 Aug;127(2):523–32
Activation of CD4+ lymphocytes by syngeneic brain microvascular smooth muscle cells. Fabry Z, et al. **J Immunol** 1990 Aug 15;145(4):1099–104
Dementia in schizophrenia. Magnetic resonance and clinical correlates. Rossi A, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):521–4
Impaired capillary perfusion and brain edema following experimental subarachnoid hemorrhage: a morphometric study. Johshita H, et al. **J Neurosurg** 1990 Sep;73(3):410–7
Postoperative CT contrast enhancement following lobectomy for epilepsy. Laohaprasit V, et al. **J Neurosurg** 1990 Sep; 73(3):392–5
Brain tissue pH, oxygen tension, and carbon dioxide tension in profoundly hypothermic cardiopulmonary bypass. Pulsatile assistance for circulatory arrest, low-flow perfusion, and moderate-flow perfusion. Watanabe T, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):274–80
Cerebral perfusion pressure management in head injury. Rosner MJ, et al. **J Trauma** 1990 Aug;30(8):933–40; discussion 940–1
Stereotactic resection of intra-axial cerebral lesions in partial epilepsy [see comments] Cascino GD, et al. **Mayo Clin Proc** 1990 Aug;65(8):1053–60. Comment in: Mayo Clin Proc 1990 Aug;65(8):1150–1.
Stereotactic surgical treatment of epilepsy [editorial; comment] Grossman RG. **Mayo Clin Proc** 1990 Aug; 65(8):1150–1. Comment on: Mayo Clin Proc 1990 Aug;65(8):1053–60.
Abnormalities in the brain and schizophrenia [letter] **N Engl J Med** 1990 Aug 23;323(8):545–8
Evolution of brain MRI abnormalities in limbic encephalitis. Dirr LY, et al. **Neurology** 1990 Aug;40(8):1304–6
Migraine associated with focal cerebral edema, cerebrospinal fluid pleocytosis, and progressive cerebellar ataxia: MRI documentation. Goldstein JM, et al. **Neurology** 1990 Aug; 40(8):1284–7
Cerebral amyloid angiopathy: diagnosis by MRI and brain biopsy. Hendricks HT, et al. **Neurology** 1990 Aug; 40(8):1308–10
Multichannel biomagnetic system for study of electrical activity in the brain and heart. Schneider S, et al. **Radiology** 1990 Sep;176(3):825–30
Cerebral abnormalities in cocaine abusers: demonstration by SPECT perfusion brain scintigraphy. Work in progress. Tumeh SS, et al. **Radiology** 1990 Sep;176(3):821–4
Clinical evaluation of a high-resolution (2.6-mm) positron emission tomography. Valk PE, et al. **Radiology** 1990 Sep; 176(3):783–90

BRAIN ABSCESS

Cerebral botryomycosis: case study. Gillock CB, et al. **J Infect Dis** 1990 Sep;162(3):765–7
Risks of developing an otogenic intracranial abscess. Nunez DA, et al. **J Laryngol Otol** 1990 Jun;104(6):468–72

BRAIN CHEMISTRY

High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Crowell PL, et al. **Am J Clin Nutr** 1990 Aug; 52(2):313–9
The effects of transient hyperglycemia on brain glucose in rats anesthetized with halothane. Weglinski MR, et al. **Anesthesiology** 1990 Aug;73(2):291–6
Preparation of monoclonal antibodies against brain natriuretic peptide and their application to radioimmunoassay and passive immunization. Itoh H, et al. **Endocrinology** 1990 Sep;127(3):1292–300
Solubilization and purification of melatonin receptors from lizard brain. Rivkees SA, et al. **Endocrinology** 1990 Sep; 127(3):1206–14
In vivo assessment of N-acetylaspartate in brain in spongy degeneration (Canavan's disease) by proton spectroscopy [letter] Grodd W, et al. **Lancet** 1990 Aug 18; 336(8712):437–8
Brain GABA levels in asymptomatic Huntington's disease [letter] Reynolds GP, et al. **N Engl J Med** 1990 Sep 6; 323(10):682
Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Martinez M. **Neurology** 1990 Aug;40(8):1292–8

BRAIN DEATH

Guillain-Barré syndrome mimicking brainstem death. Coad NR, et al. **Anaesthesia** 1990 Jun;45(6):456–7
Bretylium intoxication resembling clinical brain death—or did it? [letter] Dobb G. **Crit Care Med** 1990 Aug; 18(8):901–2

BRAIN DISEASES

Symposium on Cytoadherence and Cerebral Malaria. Honolulu, HI, 10 December 1989. Proceedings. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):1–41
The pathology of human cerebral malaria. Aikawa M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):30–7 (17 ref.)
Cerebral malaria in children: clinical implications of cytoadherence. Molyneux ME. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):38–41 (20 ref.)
Treating hyponatremia: what is all the controversy about? Berl T. **Ann Intern Med** 1990 Sep 15;113(6):417–9 (33 ref.)
Painful shoulder in the hemiplegic and unilateral neglect. Poulin de Courval L, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):673–8
Impact of encephalopathy on mortality in the sepsis syndrome. The Veterans Administration Systemic Sepsis Cooperative Study Group. Sprung CL, et al. **Crit Care Med** 1990 Aug;18(8):801–6
Lest we become smug. Kassirer JP, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):33–5, 39, 47
Concern about bovine spongiform encephalopathy [letter] Howard R, et al. **Lancet** 1990 Aug 4;336(8710):316
Specificity of hypoglycaemia for cerebral malaria in children. Kawo NG, et al. **Lancet** 1990 Aug 25;336(8713):454–7
Delusional bovine spongiform encephalopathy [letter] Lovestone S. **Lancet** 1990 Sep 1;336(8714):565
Adolescents with closed head injury. Neuropsychological consequences. Rusonis ES. **Med Clin North Am** 1990 Sep; 74(5):1311–9 (26 ref.)
Cortical-basal ganglionic degeneration. Riley DE, et al. **Neurology** 1990 Aug;40(8):1203–12
Clinical evaluation of a high-resolution (2.6-mm) positron emission tomography. Valk PE, et al. **Radiology** 1990 Sep; 176(3):783–90

BRAIN EDEMA

Impaired capillary perfusion and brain edema following experimental subarachnoid hemorrhage: a morphometric study. Johshita H, et al. **J Neurosurg** 1990 Sep;73(3):410–7
Migraine associated with focal cerebral edema, cerebrospinal fluid pleocytosis, and progressive cerebellar ataxia: MRI documentation. Goldstein JM, et al. **Neurology** 1990 Aug; 40(8):1284–7

BRAIN INJURIES

Radiological case of the month. Basal ganglia injury after cardiopulmonary arrest: clinical and magnetic resonance imaging correlation. Jacobs MB, et al. **Am J Dis Child** 1990 Aug;144(8):937–8
Brain injury obscured by chronic pain: a preliminary report. Anderson JM, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):703–8
Posttraumatic epilepsy [letter] Davidoff G. **Arch Phys Med Rehabil** 1990 Aug;71(9):711
Microcomputer-based rehabilitation for unilateral left visual neglect: a randomized controlled trial. Robertson IH, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):663–8
Chronic subdural hematoma. Another babywalker-stairs related injury. DiMario FJ Jr. **Clin Pediatr (Phila)** 1990 Jul;29(7):405–8
Severe traumatic brain injury [letter] Jennett B, et al. **J Neurosurg** 1990 Sep;73(3):479–80
The effects of aortic crossclamping and resuscitation on intracranial pressure, cerebral blood flow, and cerebral water content in a model of focal brain injury and hemorrhagic shock. Shackford SR, et al. **J Trauma** 1990 Jul;30(7):768–74; discussion 774–5
Perceptual and premotor factors of unilateral neglect. Bisiach E, et al. **Neurology** 1990 Aug;40(8):1278–81

BRAIN MAPPING

Correlation of brain mapping and MR imaging [letter] Levesque MF. **J Neurosurg** 1990 Sep;73(3):474
Anatomy, physiology, and pathology of epilepsy. Meldrum BS. **Lancet** 1990 Jul 28;336(8709):231–4 (30 ref.)

BRAIN NEOPLASMS

Congenital brain tumors: a review of 45 cases. Buetow PC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):587–93
Decreased phenytoin level after carboplatin treatment [letter] Dofferhoff AS, et al. **Am J Med** 1990 Aug;89(2):247–8
Sex steroid receptors in intracranial tumors. Romić Stojković R, et al. **Cancer** 1990 May 1;65(9):1968–70
Improved survival rate in primary intracranial lymphoma treated by high-dose radiation and systemic vincristine-doxorubicin-cyclophosphamide-prednisolone chemotherapy. Shibamoto Y, et al. **Cancer** 1990 May 1; 65(9):1907–12
Cerebral lymphomas: review of 70 cases. Adams JH, et al. **J Clin Pathol** 1990 Jul;43(7):544–7
Spontaneous resolution of multiple hemangiomas of the brain. Case report. Abe M, et al. **J Neurosurg** 1990 Sep; 73(3):448–52
Correlation of brain mapping and MR imaging [letter] Levesque MF. **J Neurosurg** 1990 Sep;73(3):474
Correlation of in vitro bromodeoxyuridine labeling index and DNA aneuploidy with survival or recurrence in brain-tumor patients. Nishizaki T, et al. **J Neurosurg** 1990 Sep;73(3):396–400
Blood-brain barrier disruption in brain-tumor therapy [letter] Rapoport SI. **J Neurosurg** 1990 Sep;73(3):475–7
The subtemporal and preauricular infratemporal approach to intradural structures ventral to the brain stem. Sen CN, et al. **J Neurosurg** 1990 Sep;73(3):345–54
Speech automatisms [letter] Arlt G, et al. **Neurology** 1990 Aug;40(8):1320
Diffusely infiltrating brainstem gliomas: a report of the diagnostic difficulties in 2 cases. Wilson WB, et al. **Neurology** 1990 Aug;40(8):1237–41
Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791–9
Primary central nervous system lymphoma: analysis of prognostic variables and patterns of treatment failure. Michalski JM, et al. **Radiology** 1990 Sep;176(3):855–60
Occult cerebrovascular malformations: follow-up with MR imaging. Sigal R, et al. **Radiology** 1990 Sep;176(3):815–9

BRAIN STEM

Preoperative and postoperative auditory brain-stem response results for patients with eighth-nerve tumors. Bauch CD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1026–9
Acoustic neuroma and the contralateral ear: recovery of auditory brainstem response abnormalities after surgery. Deans JA, et al. **J Laryngol Otol** 1990 Jul;104(7):565–9
Behavioral changes correlated with brain-stem auditory evoked responses in term infants with moderate hyperbilirubinemia. Vohr BR, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):288–91
Hearing loss from the acoustic artifact of the coil used in extracranial magnetic stimulation. Counter SA, et al. **Neurology** 1990 Aug;40(8):1159–62
Diffusely infiltrating brainstem gliomas: a report of the diagnostic difficulties in 2 cases. Wilson WB, et al. **Neurology** 1990 Aug;40(8):1237–41

BRASSICA

Acute organophosphorus food poisoning caused by contaminated green leafy vegetables. Goh KT, et al. **Arch Environ Health** 1990 May-Jun;45(3):180–4

BREAST

Outcome of surgery for non-palpable mammographic abnormalities. Aitken RJ, et al. **Br J Surg** 1990 Jun; 77(6):673–6
Topographic criteria in the diagnosis of tumor emboli in intramammary lymphatics. Orbo A, et al. **Cancer** 1990 Sep 1;66(5):972–7
Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer. Ryu J, et al. **Cancer** 1990 Sep 1;66(5):844–7
Alcian blue: reliable rapid method for marking resection margins [letter] Birch PJ, et al. **J Clin Pathol** 1990 Jul; 43(7):608–9
The nonpuerperal breast infection: aerobic and anaerobic microbial recovery from acute and chronic disease. Edmiston CE Jr, et al. **J Infect Dis** 1990 Sep;162(3):695–9
Primary adenocarcinoma of the breast arising in the vulva. Rose PG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):537–9 (8 ref.)
Reconstructing the breast mound employing a secondary island omental skin flap. Erol OO, et al. **Plast Reconstr Surg** 1990 Sep;86(3):510–8
Physiologic tissue gel equivalent [letter] Ersek RA, et al. **Plast Reconstr Surg** 1990 Sep;86(3):611
How good are our breast reconstructions? [editorial] Goldwyn RM. **Plast Reconstr Surg** 1990 Sep;86(3):548–9
Radial sclerosing lesion of the breast: mammographic features. Adler DD, et al. **Radiology** 1990 Sep;176(3):737–40
Stereotactic breast biopsy with a biopsy gun [see comments] Parker SH, et al. **Radiology** 1990 Sep;176(3):741–7. Comment in: Radiology 1990 Sep;176(3):615–6.

BREAST DISEASES

Outcome of surgery for non-palpable mammographic abnormalities. Aitken RJ, et al. **Br J Surg** 1990 Jun; 77(6):673–6
Breast masses. In-office evaluation with diagnostic triad. Hindle WH. **Postgrad Med** 1990 Aug;88(2):85–7, 90–4

BREAST FEEDING

Caesarean section and duration of breast feeding among Brazilians. Victora CG, et al. **Arch Dis Child** 1990 Jun; 65(6):632–4
Effect of breast-feeding on oral rhesus rotavirus vaccine seroconversion: a metaanalysis. Pichichero ME. **J Infect Dis** 1990 Sep;162(3):753–5
Bases of weaning recommendations. Barness LA. **J Pediatr** 1990 Aug;117(2 Pt 2):S84–5
Energy intakes of human milk-fed infants during the first year. Garza C, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S124–31
Effect of yeast lactase enzyme on "colic" in infants fed human milk. Miller JJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):261–3
Management of epilepsy during pregnancy and lactation. Brodie MJ. **Lancet** 1990 Aug 18;336(8712):426–7
Effect of breast-feeding on antibody response to conjugate vaccine. Pabst HF, et al. **Lancet** 1990 Aug 4; 336(8710):269–70
Do changes in pattern of breast usage alter the baby's nutrient intake? Woolridge MW, et al. **Lancet** 1990 Aug 18; 336(8712):395–7
Infant feeding redux. Cone TE Jr. **Pediatrics** 1990 Sep; 86(3):473–4

BREAST NEOPLASMS

Breast diagnostics in clinical gynecology [letter] Cross RW. **Am J Obstet Gynecol** 1990 Aug;163(2):686–7
Breast disease programs and mammography training [letter] Dodd GD, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):689–91
Macroscopic characteristics of pleural metastases arising from the breast and observed by diagnostic thoracoscopy. Cantó–Armengod A. **Am Rev Respir Dis** 1990 Sep; 142(3):616–8
Survival following locoregional recurrence after breast conservation therapy for cancer. Stotter A, et al. **Ann Surg** 1990 Aug;212(2):166–72
Interpretation of diagnostic cytology with likelihood ratios. Giard RW, et al. **Arch Pathol Lab Med** 1990 Aug; 114(8):852–4
Expression of ras p21 in mammary and extramammary Paget's disease. Mori O, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):858–61
Flow cytometric S fraction as a predictor of clinical outcome in cystosarcoma phyllodes. Palko MJ, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):949–52
Breast cancer screening and the primary care team. Austoker J. **BMJ** 1990 Jun 23;300(6740):1631–4
Node negative breast cancer [letter] O'Reilly SM, et al. **BMJ** 1990 May 26;300(6736):1399–400
Painful lymphatic occlusion following axillary lymph node surgery. Marcus RT, et al. **Br J Surg** 1990 Jun;77(6):683
Use of thermography in the differential diagnosis of phylloides tumour. Pierart J, et al. **Br J Surg** 1990 Jul; 77(7):783–4
Plasma prolactin as an indicator of disease progression in advanced breast cancer. Bhatavdekar JM, et al. **Cancer** 1990 May 1;65(9):2028–32
Superficial microwave-induced hyperthermia in the treatment of chest wall recurrences in breast cancer. DuBois JB, et al. **Cancer** 1990 Sep 1;66(5):848–52
Social class as a prognostic factor in breast cancer survival. Karjalainen S, et al. **Cancer** 1990 Aug 15;66(4):819–26
Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Lavey RS, et al. **Cancer** 1990 Sep 1;66(5):874–81
Topographic criteria in the diagnosis of tumor emboli in intramammary lymphatics. Orbo A, et al. **Cancer** 1990 Sep 1;66(5):972–7
Breast sarcoma. A clinicopathologic review of 25 cases. Pollard SG, et al. **Cancer** 1990 Sep 1;66(5):941–4
Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer. Ryu J, et al. **Cancer** 1990 Sep 1;66(5):844–7
Intraarterial induction chemotherapy in locally advanced stage III breast cancer. Stephens FO. **Cancer** 1990 Aug 15;66(4):645–50
Revisions in the risk-based Breast Cancer Screening Program at Group Health Cooperative. Taplin SH, et al. **Cancer** 1990 Aug 15;66(4):812–8
Relationship between epidermal growth factor receptor status and various prognostic factors in human breast cancer. Toi M, et al. **Cancer** 1990 May 1;65(9):1980–4
Regulation of antitrypsin and antichymotrypsin synthesis by MCF-7 breast cancer cell sublines. Tamir S, et al. **Endocrinology** 1990 Sep;127(3):1319–28
Insulin-like growth factor binding proteins in human breast cancer cells: relationship to hIGFBP-2 and hIGFBP-3. De Leon DD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):530–2
Breast carcinoma metastatic to the uvea. Catalano RA, et al. **JAMA** 1990 Aug 22–29;264(8):1032
A piece of my mind. An elemental education. Elliott MA. **JAMA** 1990 Aug 22–29;264(8):1051
A prospective study of selenium status and breast cancer risk. Hunter DJ, et al. **JAMA** 1990 Sep 5;264(9):1128–31
Occult axillary lymph-node micrometastases in breast cancer [letter] **Lancet** 1990 Aug 18;336(8712):434–5
Treatment of breast cancer in elderly patients [letter] Goldhirsch A, et al. **Lancet** 1990 Sep 1;336(8714):564
Oral contraceptives and breast cancer: a case-control study with hospital and community controls. Schildkraut JM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):395–402
Radial sclerosing lesion of the breast: mammographic features. Adler DD, et al. **Radiology** 1990 Sep;176(3):737–40
When is it malpractice to miss breast cancer on mammograms? [letter] Hall FM. **Radiology** 1990 Sep; 176(3):876
Early breast cancer: detection of recurrence after conservative surgery and radiation therapy. Hassell PR, et al. **Radiology** 1990 Sep;176(3):731–5
Estimation of radiation risk from screening mammography [letter] Koch RL. **Radiology** 1990 Sep;176(3):877
Stereotactic breast biopsy with a biopsy gun [see comments] Parker SH, et al. **Radiology** 1990 Sep;176(3):741–7. Comment in: Radiology 1990 Sep;176(3):615–6.
A reappraisal of prophylactic mastectomy. Wapnir IL, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):171–84 (168 ref.)
Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)

BREATH TESTS

Abstinence from smoking and expired-air carbon monoxide levels: lactose intolerance as a possible source of error [see comments] McNeill AD, et al. **Am J Public Health** 1990 Sep;80(9):1114–5. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.
Prevention of TUR syndrome by detection of trace ethanol in the expired breath. Hahn RG. **Anaesthesia** 1990 Jul; 45(7):577–81
The erythromycin breath test as a predictor of cyclosporine blood levels. Watkins PB, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):120–9

BRETYLIUM COMPOUNDS

Bretylium intoxication resembling clinical brain death—or did it? [letter] Dobb G. **Crit Care Med** 1990 Aug; 18(8):901–2

BROMOCRIPTINE

Acromegaly first diagnosed in pregnancy: the role of bromocriptine therapy. Yap AS, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):477–8
Lactation inhibition by a single injection of a new depot-bromocriptine. Kremer JA, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):527–32

BROMODEOXYURIDINE

Correlation of in vitro bromodeoxyuridine labeling index and DNA aneuploidy with survival or recurrence in brain-tumor patients. Nishizaki T, et al. **J Neurosurg** 1990 Sep;73(3):396–400

BRONCHI

Small airway dimensions in smokers with obstruction to airflow. Bosken CH, et al. **Am Rev Respir Dis** 1990 Sep; 142(3):563–70
Airway hyperresponsiveness. Relevance of random population data to clinical usefulness [comment] Cockcroft DW, et al. **Am Rev Respir Dis** 1990 Sep;142(3):497–500. Comment on: Am Rev Respir Dis 1990 Sep;142(3):549–54.
The requirement for platelets in allergen-induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. Coyle AJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):587–93
The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581–6
Mucosal inflammation in asthma. Djukanović R, et al. **Am Rev Respir Dis** 1990 Aug;142(2):434–57 (377 ref.)
Tracheobronchial clearance in patients with bilateral diaphragmatic weakness. Mier A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):545–8
Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Nichol GM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):576–80
The interrelationship among bronchial hyperresponsiveness, the diagnosis of asthma, and asthma symptoms [see comments] Pattemore PK, et al. **Am Rev Respir Dis** 1990 Sep;142(3):549–54. Comment in: Am Rev Respir Dis 1990 Sep;142(3):497–500.
Bronchial cuff pressure of endobronchial double-lumen tubes [letter] Neto PP. **Anesth Analg** 1990 Aug;71(2):209
Tracheobronchial foreign bodies [letter] Whitlock WL, et al. **Ann Intern Med** 1990 Sep 15;113(6):482–3
Treatment of severe bronchomalacia with expanding endobronchial stents. Mair EA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1087–90
Effects of azelastine on vagal neuroeffector transmission in canine and human airway smooth muscle. Aizawa H, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):171–6
Persistence of increased nonspecific bronchial reactivity in allergic children and adolescents. Davé NK, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):147–53

BRONCHIAL DISEASES

Treatment of an infant with tracheobronchomalacia at home with a lightweight, high-humidity, continuous positive airway pressure system. Weigle CG. **Crit Care Med** 1990 Aug;18(8):892–4
Tracheobronchial calcification: an observation in three children after mitral valve replacement and warfarin sodium therapy. Taybi H, et al. **Radiology** 1990 Sep; 176(3):728–30

BRONCHIAL FISTULA

Bronchoesophageal fistula in small cell lung cancer [letter] Koval JC, et al. **Chest** 1990 Aug;98(2):512–3

BRONCHIAL NEOPLASMS

Endobronchial treatment for tracheobronchial tumours [editorial] **Lancet** 1990 Aug 18;336(8712):410–1

BRONCHIAL PROVOCATION TESTS

The requirement for platelets in allergen-induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. Coyle AJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):587–93
Role of leukotriene D4 in the early and late pulmonary responses of rats to allergen challenge. Sapienza S, et al. **Am Rev Respir Dis** 1990 Aug;142(2):353–8
Variables in histamine inhalation tests [letter] Amirav I. **Chest** 1990 Aug;98(2):518–9

BRONCHIAL SPASM

Role of leukotriene D4 in the early and late pulmonary responses of rats to allergen challenge. Sapienza S, et al. **Am Rev Respir Dis** 1990 Aug;142(2):353–8
Beta 2-adrenoceptors in human lung and peripheral mononuclear leukocytes of untreated and terbutaline-treated patients. Hauck RW, et al. **Chest** 1990 Aug;98(2):376–81
Bronchial hyperresponsiveness in patients with chronic pulmonary congestion [letter] Zieliński J. **Chest** 1990 Aug; 98(2):511–2
Disopyramide: pulmonary complications and glaucoma [letter] Ahmad S. **Mayo Clin Proc** 1990 Jul;65(7):1030–1

BRONCHIECTASIS

Importance of chronic aspiration in recipients of heart-lung transplants. Reid KR, et al. **Lancet** 1990 Jul 28; 336(8709):206–8

BRONCHIOLITIS

Diffuse panbronchiolitis observed in an Italian [letter] Poletti V, et al. **Chest** 1990 Aug;98(2):515–6
Importance of chronic aspiration in recipients of heart-lung transplants. Reid KR, et al. **Lancet** 1990 Jul 28; 336(8709):206–8

BRONCHIOLITIS, VIRAL

Localization of inflammation and virions in canine adenovirus type 2 bronchiolitis. Grad R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):691–9
Plasma elevations of histamine and a prostaglandin metabolite in acute bronchiolitis. Skoner DP, et al. **Am Rev Respir Dis** 1990 Aug;142(2):359–64

BRONCHITIS

Chronic bronchitis in pigeon fanciers [letter] Carrillo T, et al. **Chest** 1990 Aug;98(2):508
Airway carcinoembryonic antigen concentrations in patients with central lung cancer or chronic bronchitis. Wesselius LJ, et al. **Chest** 1990 Aug;98(2):393–7
Importance of chronic aspiration in recipients of heart-lung transplants. Reid KR, et al. **Lancet** 1990 Jul 28; 336(8709):206–8

BRONCHOALVEOLAR LAVAGE FLUID

Diagnostic significance of increased bronchoalveolar lavage fluid eosinophils. Allen JN, et al. **Am Rev Respir Dis** 1990 Sep;142(3):642–7
Abnormal epithelial cells recovered by bronchoalveolar lavage: are they malignant? Biyoudi-Vouenze R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):686–90
Clinical role of bronchoalveolar lavage in adults with pulmonary disease. Goldstein RA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):481–6 (91 ref.)
Anaphylactic challenge causes eosinophil accumulation in bronchoalveolar lavage fluid of guinea pigs. Modulation by betamethasone, phenidone, indomethacin, WEB 2086, and a novel antiallergy agent, SCH 37224. Gulbenkian AR, et al. **Am Rev Respir Dis** 1990 Sep;142(3):680–5
Pulmonary disease progress in sarcoid patients with and without bronchoalveolar lavage collagenase. Ward K, et al. **Am Rev Respir Dis** 1990 Sep;142(3):636–41
Increased levels of interleukin-1 in bronchoalveolar washings from children with bacterial pulmonary infections. Wilmott RW, et al. **Am Rev Respir Dis** 1990 Aug;142(2):365–8
Bronchoalveolar lavage in sarcoidosis and HIV infection [letter] **Chest** 1990 Aug;98(2):517–8
Cytologic diagnosis in bronchoalveolar lavage specimens. A diagnostic technique for lung neoplasmas with a peripheral location [letter] Bellmunt J, et al. **Chest** 1990 Aug; 98(2):513–4
Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. Sethi KK. **J Clin Pathol** 1990 Jul;43(7):584–6
Pulmonary surfactant suppresses the immune lung injury response to inhaled antigen in guinea pigs. Richman PS, et al. **J Lab Clin Med** 1990 Jul;116(1):18–26

BRONCHODILATOR AGENTS

Effective bronchodilator treatment by a simple spacer device for wheezy premature infants. Yuksel B, et al. **Arch Dis Child** 1990 Jul;65(7):782–5
Most asthmatics have gastroesophageal reflux with or without bronchodilator therapy. Sontag SJ, et al. **Gastroenterology** 1990 Sep;99(3):613–20

BRONCHOPULMONARY DYSPLASIA

Changes in pulmonary circulation in severe bronchopulmonary dysplasia. Bush A, et al. **Arch Dis Child** 1990 Jul;65(7):739–45

Bronchopulmonary dysplasia: a radiographic and clinical review of 20 patients. Fitzgerald P, et al. **Br J Radiol** 1990 Jun;63(750):444–7

Maternal glucocorticoid therapy and reduced risk of bronchopulmonary dysplasia. Van Marter LJ, et al. **Pediatrics** 1990 Sep;86(3):331–6

BRONCHOPULMONARY SEQUESTRATION

A young man with recurrent pulmonary infections. Infected intralobar bronchopulmonary sequestration. Camargo CA Jr, et al. **West J Med** 1990 Jul;153(1):89–90

BRONCHOSCOPY

A new technique for replacing an endobronchial double-lumen tube with an endotracheal single-lumen tube. Gatell JA, et al. **Anesthesiology** 1990 Aug;73(2):340–1

Tracheobronchial foreign bodies [letter] Whitlock WL, et al. **Ann Intern Med** 1990 Sep 15;113(6):482–3

Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chan AL, et al. **Chest** 1990 Aug;98(2):271–5

The high price of bronchoscopy. Maintenance and repair of the flexible fiberoptic bronchoscope. Mehta AC, et al. **Chest** 1990 Aug;98(2):448–54

Fiberbronchoscopy in smear-negative miliary tuberculosis [letter] Watson JM, et al. **Chest** 1990 Aug;98(2):508–9

Fiberoptic bronchoscopy in adult airway management. Dellinger RP. **Crit Care Med** 1990 Aug;18(8):882–7

Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. Riggs JE. **South Med J** 1990 Aug;83(8):955–6

BROWN FAT

Effect of total sleep deprivation on 5'-deiodinase activity of rat brown adipose tissue. Balzano S, et al. **Endocrinology** 1990 Aug;127(2):882–90

BRUGIA

The BALB/c mouse as a model for immunological studies of microfilariae-induced pulmonary eosinophilia. Egwang TG, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):61–6

Cultivation of sexually mature Brugia malayi in vitro. Riberu WA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):3–5

BULIMIA

Comments on bulimia [letter] **Am J Psychiatry** 1990 Sep; 147(9):1253–4

The effectiveness of a dental/dietitian team in the assessment of bulimic dental health. Howat PM, et al. **J Am Diet Assoc** 1990 Aug;90(8):1099–102

Medical complications of anorexia nervosa and bulimia nervosa. Comerci GD. **Med Clin North Am** 1990 Sep; 74(5):1293–310 (54 ref.)

BUNDLE-BRANCH BLOCK

Incidence and prognostic significance of intraventricular conduction abnormalities after coronary bypass surgery. Tuzcu EM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):607–10

BUNYAVIRIDAE

Incidence of sand fly fever among Swedish United Nations soldiers on Cyprus during 1985. Eitrem R, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):207–11

BUPIVACAINE

The local anesthetic dose is an important issue in evaluation of effects of epidural analgesia in nulliparous women [letter] Della Puppa A, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):701–3

Mechanism of action of local anesthetics on synaptic transmission in the rat. Tabatabai M, et al. **Anesth Analg** 1990 Aug;71(2):149–57

Bupivacaine toxicity in young pigs is age-dependent and is affected by volatile anesthetics. Badgwell JM, et al. **Anesthesiology** 1990 Aug;73(2):297–303

BURKITT'S LYMPHOMA

A missionary, heart and soul. Bendiner E. **Hosp Pract [Off]** 1990 Jul 15;25(7):166–72, 175–6, 179–80 passim

BURNS

Severe burns from a pulse oximeter. Murphy KG, et al. **Anesthesiology** 1990 Aug;73(2):350–2

Characterization of cellular elements in healed cultured keratinocyte autografts used to cover burn wounds [letter] Phillips TJ, et al. **Arch Dermatol** 1990 Aug;126(8):1104–5

Cardiovascular and neurohumoral responses following burn injury. Crum RL, et al. **Arch Surg** 1990 Aug;125(8):1065–9

Imipenem pharmacokinetics in patients with burns. Boucher BA, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):130–7

Anterior nasal stenosis from joss stick burns. Lee ST. **J Laryngol Otol** 1990 Jun;104(6):497

Burn DRGs: effects of recent changes and implications for the future. Chakerian MU, et al. **J Trauma** 1990 Aug; 30(8):964–71; discussion 971–3

Multiple graft harvestings from deep partial-thickness scald wounds healed under the influence of weak direct current. Chu CS, et al. **J Trauma** 1990 Aug;30(8):1044–9; discussion 1049–50

A randomized trial of indirect calorimetry-based feedings in thermal injury. Saffle JR, et al. **J Trauma** 1990 Jul; 30(7):776–82; discussion 782–3

Experimental inhalation injury with concomitant surface burn: dextran resuscitation improves lung water and oxygenation. Schenk WG 3d, et al. **J Trauma** 1990 Jul; 30(7):813–8; discussion 818–9

Comparison of a hydrocolloid dressing and silver sulfadiazine cream in the outpatient management of second-degree burns. Wyatt D, et al. **J Trauma** 1990 Jul;30(7):857–65

Does glutamine contribute to immunosuppression after major burns? Parry-Billings M, et al. **Lancet** 1990 Sep 1; 336(8714):523–5

Tourniquet technique for reduced blood loss and wound assessment during excisions of burn wounds of the extremity. Marano MA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):249–50

The effect of insulin-like growth factor I on postburn hypermetabolism. Strock LL, et al. **Surgery** 1990 Aug; 108(2):161–4

BURNS, CHEMICAL

Ingestion of 35% hydrogen peroxide. Humberston CL, et al. **J Toxicol Clin Toxicol** 1990;28(1):95–100

Full thickness skin burns secondary to an unusual exposure to diquat dibromide. Manoguerra AS. **J Toxicol Clin Toxicol** 1990;28(1):107–10

A controlled trial of corticosteroids in children with corrosive injury of the esophagus [see comments] Anderson KD, et al. **N Engl J Med** 1990 Sep 6;323(10):637–40. Comment in: N Engl J Med 1990 Sep 6;323(10):668–70.

Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] Lovejoy FH Jr. **N Engl J Med** 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep 6;323(10):637–40.

Malingering aided by the use of herbal medicine [letter] Govrin-Yehudain J, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):601–2

BURSITIS

Infection of the infrapatellar bursa. A report of two cases. Waters P, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):1095–6

Shoulder impingement syndrome: sonographic evaluation. Farin PU, et al. **Radiology** 1990 Sep;176(3):845–9

BUSERELIN ACETATE

Treatment with GnRH agonists before myomectomy and the risk of short-term myoma recurrence. Fedele L, et al. **Br J Obstet Gynaecol** 1990 May;97(5):393–6

BUSPIRONE

Priapism associated with buspar [letter] Coates NE. **South Med J** 1990 Aug;83(8):983

BUTTER

Butterfat and the Navy Ration Law [letter] Savage RW, et al. **Am J Cardiol** 1990 Aug 15;66(4):528

C-REACTIVE PROTEIN

C-reactive protein in tibial fractures. Natural response to the injury and operative treatment. Kallio P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):615–7

Peptides generated from C-reactive protein by a neutrophil membrane protease. Amino acid sequence and effects of peptides on neutrophil oxidative metabolism and chemotaxis. Shephard EG, et al. **J Immunol** 1990 Sep 1; 145(5):1469–76

CACHEXIA

From the National Institutes of Health. Raub W. **JAMA** 1990 Sep 5;264(9):1086

CAERULEIN

Caerulein induced plasma amino acid decrease: a simple, sensitive, and specific test of pancreatic function. Gullo L, et al. **Gut** 1990 Aug;31(8):926–9

CAFFEINE

Caffeine-containing beverages, total fluid consumption, and premenstrual syndrome. Rossignol AM, et al. **Am J Public Health** 1990 Sep;80(9):1106–10

Headache caused by caffeine withdrawal among moderate coffee drinkers switched from ordinary to decaffeinated coffee: a 12 week double blind trial. van Dusseldorp M, et al. **BMJ** 1990 Jun 16;300(6739):1558–9

CALCIFEDIOL

Vitamin D status and related parameters in a healthy population: the effects of age, sex, and season. Sherman SS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):405–13

25-Hydroxyvitamin D metabolism and its effect on calcitriol metabolism in experimental renal failure. Hsu CH, et al. **J Lab Clin Med** 1990 Jul;116(1):51–7

CALCINOSIS

Infarcted undescended testis appearing as a calcified abdominal mass in an adult. Wilbur AC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):547–8

Large subcutaneous calcification in systemic lupus erythematosus. Nomura M, et al. **Arch Dermatol** 1990 Aug; 126(8):1057–9

Extensive calcinosis cutis with systemic lupus erythematosus. Rothe MJ, et al. **Arch Dermatol** 1990 Aug;126(8):1060–3

The effect of diltiazem on calcinosis in a patient with the CREST syndrome. Farah MJ, et al. **Arthritis Rheum** 1990 Aug;33(8):1287–93

Calcification of the large bowel in schistosomiasis demonstrated by computed tomography. al-Hindawi M, et al. **Br J Radiol** 1990 May;63(749):357–60

Is there a treatment for the calcinosis of juvenile dermatomyositis? Ansell B. **Br J Rheumatol** 1990 Aug; 29(4):263

Arthritis mutilans, tumoral calcinosis, Raynaud's phenomenon and Sjögren's syndrome. Monteagudo M, et al. **Br J Rheumatol** 1990 Aug;29(4):303–5

Simultaneous occurrence of calcium pyrophosphate dihydrate and basic calcium phosphate (hydroxyapatite) crystals in a knee. Halverson PB, et al. **Clin Orthop** 1990 Aug;(257):162–5

Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Chantelau E, et al. **Diabetes** 1990 Aug;39(8):938–41

"Conservative" aortic valve intervention: thwarted again! [editorial; comment] Campbell DB, et al. **J Am Coll Cardiol** 1990 Sep;16(3):631–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):623–30.

Ultrasonic aortic valve decalcification: serial Doppler echocardiographic follow-up [see comments] Freeman WK, et al. **J Am Coll Cardiol** 1990 Sep;16(3):623–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):631–2.

A comparison of repair and replacement for mitral stenosis with partially calcified valve. Eguaras MG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):161–6

Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Hill LM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):500–2

Tracheobronchial calcification: an observation in three children after mitral valve replacement and warfarin sodium therapy. Taybi H, et al. **Radiology** 1990 Sep; 176(3):728–30

CALCITONIN

Efficacy of intranasal human calcitonin in patients with Paget's disease refractory to salmon calcitonin. Muff R, et al. **Am J Med** 1990 Aug;89(2):181–4

Calcitonin inhibits basal and thyrotropin-releasing hormone-induced release of prolactin from anterior pituitary cells: evidence for a selective action exerted proximal to secretagogue-induced increases in cytosolic Ca2+. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):621–8

Calcitonin inhibits thyrotropin-releasing hormone-induced increases in cytosolic Ca2+ in isolated rat anterior pituitary cells. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):613–20

Hypercalcitoninemia in acutely ill children [letter] Mallet E. **J Pediatr** 1990 Aug;117(2 Pt 1):337

Calcitonin nasal spray for painful diabetic neuropathy [letter] Zieleniewski W. **Lancet** 1990 Aug 18;336(8712):449

CALCITRIOL

Stimulation of calbindin-D9K (CaBP9K) gene expression by calcium and 1,25-dihydroxycholecalciferol in fetal rat duodenal organ culture. Brehier A, et al. **Endocrinology** 1990 Aug;127(2):580–7

Biological activity assessment of 1 alpha,25-dihydroxyvitamin D3-26,23-lactone and its intermediate metabolites in vivo and in vitro. Ishizuka S, et al. **Endocrinology** 1990 Aug;127(2):695–701

Interferon-gamma inhibits 1,25-dihydroxyvitamin D3-stimulated synthesis of bone GLA protein in rat osteosarcoma cells by a pretranslational mechanism. Nanes MS, et al. **Endocrinology** 1990 Aug;127(2):588–94

Parathyroid hormone down-regulates 1,25-dihydroxyvitamin D receptors (VDR) and VDR messenger ribonucleic acid in vitro and blocks homologous up-regulation of VDR in vivo. Reinhardt TA, et al. **Endocrinology** 1990 Aug;127(2):942–8

1,25-Dihydroxyvitamin D3 antagonizes

interferon-gamma-induced expression of class II major histocompatibility antigens on thyroid follicular and testicular Leydig cells. Tokuda N, et al. **Endocrinology** 1990 Sep;127(3):1419-27

Vitamin D status and related parameters in a healthy population: the effects of age, sex, and season. Sherman SS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):405-13

25-Hydroxyvitamin D metabolism and its effect on calcitriol metabolism in experimental renal failure. Hsu CH, et al. **J Lab Clin Med** 1990 Jul;116(1):51-7

Hypercalcemia in a calcitriol-treated hypoparathyroid woman during lactation. Caplan RH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):485-9

CALCIUM

Calcium-dependent fluorescence transients during ventricular fibrillation. Stefenelli T, et al. **Am Heart J** 1990 Sep;120(3):590-7

Hypocalcemic myocardial dysfunction: short- and long-term improvement with calcium replacement. Wong CK, et al. **Am Heart J** 1990 Aug;120(2):381-6

Relationship between plasma calcium fractions, other bone-related variables, and serum follicle-stimulating hormone levels in premenopausal, perimenopausal, and postmenopausal women. Nordin BE, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):140-5

The concentration of calcium in neonatal cardioplegia. Zweng TN, et al. **Ann Thorac Surg** 1990 Aug;50(2):262-7

Calcium supplementation of the diet [letter] Kanis JA, et al. **BMJ** 1990 Jun 9;300(6738):1523

Relative roles of Ca2(+)-dependent and Ca2(+)-independent mechanisms in hypoxic contractile dysfunction [see comments] Koretsune Y, et al. **Circulation** 1990 Aug;82(2):528-35. Comment in: Circulation 1990 Aug;82(20:652-4.

Calcium: does it have a therapeutic role in sepsis? [editorial; comment] Chernow B. **Crit Care Med** 1990 Aug; 18(8):895-6. Comment on: Crit Care Med 1990 Aug;18(8):851-7.

Pharmacodynamic response to ionized calcium during acute sepsis [see comments] Steinhorn DM, et al. **Crit Care Med** 1990 Aug;18(8):851-7. Comment in: Crit Care Med 1990 Aug;18(8):895-6.

Effects of high potassium concentration and dihydropyridine Ca2(+)-channel agonists on cytoplasmic Ca2+ and aldosterone production in rat adrenal glomerulosa cells. Balla T, et al. **Endocrinology** 1990 Aug;127(2):815-22

Stimulation of calbindin-D9K (CaBP9K) gene expression by calcium and 1,25-dihydroxycholecalciferol in fetal rat duodenal organ culture. Brehier A, et al. **Endocrinology** 1990 Aug;127(2):580-7

Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Crowley WR, et al. **Endocrinology** 1990 Sep;127(3):1487-94

Differences in the actions of calcium versus lanthanum to influence parathyroid hormone release. Fitzpatrick LA. **Endocrinology** 1990 Aug;127(2):711-5

Calcium-dependent protein kinase activity is decreased in diabetic rat sciatic nerve. Gabbay RA, et al. **Endocrinology** 1990 Sep;127(3):1194-8

Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949-56

Biological activity assessment of 1 alpha,25-dihydroxyvitamin D3-26,23-lactone and its intermediate metabolites in vivo and in vitro. Ishizuka S, et al. **Endocrinology** 1990 Aug;127(2):695-701

Cytosolic calcium and aldosterone response patterns of rat adrenal glomerulosa cells stimulated by vasopressin: comparison with angiotensin II. Quinn SJ, et al. **Endocrinology** 1990 Aug;127(2):541-8

Medium hyposmolarity stimulates prolactin secretion in GH4C1 cells by inducing an increase in cytosolic free calcium. Sato N, et al. **Endocrinology** 1990 Aug; 127(2):957-64

Calcitonin inhibits thyrotropin-releasing hormone-induced increases in cytosolic Ca2+ in isolated rat anterior pituitary cells. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):613-20

Calcitonin inhibits basal and thyrotropin-releasing hormone-induced release of prolactin from anterior pituitary cells: evidence for a selective action exerted proximal to secretagogue-induced increases in cytosolic Ca2+. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):621-8

Role of calcium in airway reactivity and asthma [letter] Weiss EB. **J Allergy Clin Immunol** 1990 Aug;86(2):274

Effect of acute hypercalcemia on thyrotropin (TSH) and triiodothyronine responses to TSH-releasing hormone in man. Gillet C, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):516-9

Rate and concentration dependence of parathyroid hormone dynamics during stepwise changes in serum ionized calcium in normal humans. Grant FD, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):370-8

Vitamin D status and related parameters in a healthy population: the effects of age, sex, and season. Sherman SS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):405-13

Aspirin potentiates prestimulated acid secretion and mobilizes intracellular calcium in rabbit parietal cells. Levine RA, et al. **J Clin Invest** 1990 Aug;86(2):400-8

Differential CD3/T cell antigen receptor-mediated IL-2 production in jurkat T cells. Dissociation of IL-2 response from total inositol phosphate and calcium responses. Stohl W, et al. **J Immunol** 1990 Aug 15;145(4):1078-87

Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. Iacovou JW, et al. **J Urol** 1990 Sep;144(3):775-9

Platelets and the beginnings of preeclampsia [editorial; comment] Redman CW. **N Engl J Med** 1990 Aug 16; 323(7):478-80. Comment on: N Engl J Med 1990 Aug 16;323(7):434-8.

Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women [see comments] Zemel MB, et al. **N Engl J Med** 1990 Aug 16;323(7):434-8. Comment in: N Engl J Med 1990 Aug 16;323(7):478-80.

Hypercalcemia in a calcitriol-treated hypoparathyroid woman during lactation. Caplan RH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):485-9

Self-limited neonatal familial hyperparathyroidism associated with hypercalciuria and renal tubular acidosis in three siblings. Nishiyama S, et al. **Pediatrics** 1990 Sep;86(3):421-7

The effect of cardiac hypertrophy on changes in cytosolic free calcium concentration during ischemia. del Nido PJ, et al. **Surgery** 1990 Aug;108(2):312-6; discussion 316-7

Mechanisms of oxygen free radical-induced calcium overload in endothelial cells. Franceschi D, et al. **Surgery** 1990 Aug;108(2):292-7

CALCIUM-BINDING PROTEIN, VITAMIN D-DEPENDENT

Stimulation of calbindin-D9K (CaBP9K) gene expression by calcium and 1,25-dihydroxycholecalciferol in fetal rat duodenal organ culture. Brehier A, et al. **Endocrinology** 1990 Aug;127(2):580-7

CALCIUM-BINDING PROTEINS

Immunohistochemical study of melanocytic nevus and malignant melanoma with monoclonal antibodies against S-100 subunits. Cho KH, et al. **Cancer** 1990 Aug 15; 66(4):765-71

Renaming pancreatic stone protein as 'lithostathine' [letter] Sarles H, et al. **Gastroenterology** 1990 Sep;99(3):900-1

CALCIUM CHANNEL BLOCKERS

Pharmacologic management of ischemic heart disease with beta-blockers and calcium channel blockers. Pearle DL. **Am Heart J** 1990 Sep;120(3):739-42; discussion 743-5

Calcium channel blockers as second-line therapy in thiazide-resistant hypertension [letter] Collart F, et al. **Arch Intern Med** 1990 Aug;150(8):1755, 1758, 1760

The effects of thiazides plus calcium channel blockers [letter] Cappuccio FP, et al. **JAMA** 1990 Aug 22-29;264(8):971-3

Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Ertel W, et al. **Surgery** 1990 Aug;108(2):154-9; discussion 159-60

CALCIUM CHANNELS

Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Crowley WR, et al. **Endocrinology** 1990 Sep;127(3):1487-94

Dopamine inhibits two characterized voltage-dependent calcium currents in identified rat lactotroph cells. Lledo PM, et al. **Endocrinology** 1990 Sep;127(3):990-1001

CALCIUM, DIETARY

Dietary calcium, sex hormones, and bone mineral density in men. Kelly PJ, et al. **BMJ** 1990 May 26;300(6736):1361-4

CALCIUM OXALATE

Effects of magnesium salts in preventing experimental oxalate urolithiasis in rats. Ogawa Y, et al. **J Urol** 1990 Aug;144(2 Pt 1):385-9

CALCIUM PHOSPHATES

Simultaneous occurrence of calcium pyrophosphate dihydrate and basic calcium phosphate (hydroxyapatite) crystals in a knee. Halverson PB, et al. **Clin Orthop** 1990 Aug;(257):162-5

CALCULI

Appendiceal calculi and fecaliths as indications for appendectomy. Nitecki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):185-8

CALLUS

The callus of crack cocaine [letter] Larkin RF. **N Engl J Med** 1990 Sep 6;323(10):685

CALORIC INTAKE

Moderate alcohol intake and spontaneous eating patterns of humans: evidence of unregulated supplementation. de Castro JM, et al. **Am J Clin Nutr** 1990 Aug;52(2):246-53

Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Katzeff HL, et al. **Am J Clin Nutr** 1990 Aug;52(2):263-6

Metabolic effects of nicotine after consumption of a meal in smokers and nonsmokers. Perkins KA, et al. **Am J Clin Nutr** 1990 Aug;52(2):228-33

Assessment and implications of the dietary intakes of hospitalized psychogeriatric patients. Martinez JA, et al. **J Am Diet Assoc** 1990 Aug;90(8):1111-4

Bases of weaning recommendations. Barness LA. **J Pediatr** 1990 Aug;117(2 Pt 2):S84-5

Food and nutrient intake of 6- to 12-month-old infants fed formula or cow milk: a summary of four national surveys. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S86-100

Modified fat diets: do they apply to infancy? Finberg L. **J Pediatr** 1990 Aug;117(2 Pt 2):S132-3

Energy intakes of human milk-fed infants during the first year. Garza C, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S124-31

Milks and formulas for older infants. Ziegler EE. **J Pediatr** 1990 Aug;117(2 Pt 2):S76-9

CALORIMETRY

A randomized trial of indirect calorimetry-based feedings in thermal injury. Saffle JR, et al. **J Trauma** 1990 Jul; 30(7):776-82; discussion 782-3

CAMPING

Knowledge acquired during camp for children with cancer [letter] Ladd RE, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):337-8

CAMPYLOBACTER

A simple method to detect Helicobacter pylori in gastric specimens. Schneider RE, et al. **BMJ** 1990 Jun 16; 300(6739):1559

Urea protects Helicobacter (Campylobacter) pylori from the bactericidal effect of acid. Marshall BJ, et al. **Gastroenterology** 1990 Sep;99(3):697-702

Reproducible test for detecting Helicobacter pylori in frozen samples [letter] Abdalla S, et al. **J Clin Pathol** 1990 Jun; 43(6):519

Immunocytochemical detection of Helicobacter pylori in formalin fixed tissue biopsy specimens [letter] Cartun RW, et al. **J Clin Pathol** 1990 Jun;43(6):518

Survival of Helicobacter pylori in water and saline [letter] West AP, et al. **J Clin Pathol** 1990 Jul;43(7):609

Antibodies to Helicobacter pylori in HIV infection [letter] Aceti A, et al. **Lancet** 1990 Sep 1;336(8714):571

Mixed gastric infection by Gastrospirillum hominis and Helicobacter pylori [letter] Queiroz DM, et al. **Lancet** 1990 Aug 25;336(8713):507-8

CAMPYLOBACTER INFECTIONS

Non-steroidal anti-inflammatory drugs, hiatus hernia, and Helicobacter pylori, in patients with oesophageal ulceration. Shallcross TM, et al. **Br J Rheumatol** 1990 Aug; 29(4):288-90

Helicobacter pylori-related gastroduodenal disease in children. Diagnostic utility of enzyme-linked immunosorbent assay. Glassman MS, et al. **Dig Dis Sci** 1990 Aug;35(8):993-7

Helicobacter pylori and gastritis in patients with peptic ulcer and non-ulcer dyspepsia: ethnic differences in Singapore. Kang JY, et al. **Gut** 1990 Aug;31(8):850-3

Helicobacter pylori: bridging the credibility gap. McKinlay AW, et al. **Gut** 1990 Aug;31(8):940-5 (91 ref.)

Comparison of ELISA antigen preparations alone or in combination for serodiagnosing Helicobacter pylori infections. Hirschl AM, et al. **J Clin Pathol** 1990 Jun; 43(6):511-3

Campylobacter jejuni versus Campylobacter coli in developing countries: how accurate are prevalence estimates? [letter] Pazzaglia G, et al. **J Infect Dis** 1990 Aug; 162(2):570

Antibodies to Helicobacter pylori in HIV infection [letter] Aceti A, et al. **Lancet** 1990 Sep 1;336(8714):571

Mixed gastric infection by Gastrospirillum hominis and Helicobacter pylori [letter] Queiroz DM, et al. **Lancet** 1990 Aug 25;336(8713):507-8

CANDIDA ALBICANS

Bacteriostatic and bactericidal actions of boric acid against bacteria and fungi commonly found in urine. Meers PD, et al. **J Clin Pathol** 1990 Jun;43(6):484-7

Candida albicans in patients with the acquired

immunodeficiency syndrome: absence of a novel of hypervirulent strain. Whelan WL, et al. **J Infect Dis** 1990 Aug;162(2):513–8
Detection of surgical pathogens by in vitro DNA amplification. Part I. Rapid identification of Candida albicans by in vitro amplification of a fungus-specific gene. Buchman TG, et al. **Surgery** 1990 Aug;108(2):338–46; discussion 346–7

CANDIDIASIS

Hierarchical pattern of mucosal candida infections in HIV-seropositive women. Imam N, et al. **Am J Med** 1990 Aug;89(2):142–6
Candida albicans in patients with the acquired immunodeficiency syndrome: absence of a novel of hypervirulent strain. Whelan WL, et al. **J Infect Dis** 1990 Aug;162(2):513–8
Fluconazole-induced jaundice [letter] Franklin IM, et al. **Lancet** 1990 Sep 1;336(8714):565

CANDIDIASIS, ORAL

Elevated antibody levels to mycobacterial 65-kDa stress protein in patients with superficial candidiasis. Ivanyi L, et al. **J Infect Dis** 1990 Aug;162(2):519–22

CANDIDIASIS, VULVOVAGINAL

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510–4
Single-dose 500-mg clotrimazole vaginal tablets compared with placebo in the treatment of Candida vaginitis. Bro F. **J Fam Pract** 1990 Aug;31(2):148–52
Elevated antibody levels to mycobacterial 65-kDa stress protein in patients with superficial candidiasis. Ivanyi L, et al. **J Infect Dis** 1990 Aug;162(2):519–22
Comparison of 0.8% and 1.6% terconazole cream in severe vulvovaginal candidiasis. Schmitt C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):414–6

CAPILLARIES

Relationship of endoneurial capillary abnormalities to type and severity of diabetic polyneuropathy. Britland ST, et al. **Diabetes** 1990 Aug;39(8):909–13
Impaired capillary perfusion and brain edema following experimental subarachnoid hemorrhage: a morphometric study. Johshita H, et al. **J Neurosurg** 1990 Sep;73(3):410–7

CAPILLARY PERMEABILITY

The systemic capillary leak syndrome: appearance of interleukin-2-receptor-positive cells during attacks. Cicardi M, et al. **Ann Intern Med** 1990 Sep 15;113(6):475–7
Gamma scintigraphic imaging of lung microvascular permeability in adult respiratory distress syndrome. Putensen C, et al. **Crit Care Med** 1990 Aug;18(8):807–12
Early onset of increased transcapillary albumin escape in awake diabetic rats. Tucker BJ. **Diabetes** 1990 Aug; 39(8):919–23
Transcapillary permeability and subendothelial distribution of endothelial and amniotic fluid insulin-like growth factor binding proteins in the rat heart. Bar RS, et al. **Endocrinology** 1990 Sep;127(3):1078–86
Neurogenic inflammation, vascular permeability, and mast cells. II. Additional evidence indicating that mast cells are not involved in neurogenic inflammation. Kowalski ML, et al. **J Immunol** 1990 Aug 15;145(4):1214–21

CAPSAICIN

Capsaicin-sensitive primary sensory neurons are potent modulators of murine delayed-type hypersensitivity reactions. Girolomoni G, et al. **J Immunol** 1990 Aug 15; 145(4):1105–12

CAPTOPRIL

A comparison of the efficacy and safety of a beta-blocker, a calcium channel blocker, and a converting enzyme inhibitor in hypertensive blacks. Saunders E, et al. **Arch Intern Med** 1990 Aug;150(8):1707–13
The effect of Captopril on benign and malignant reactions in irradiated rat skin. Ward WF, et al. **Br J Radiol** 1990 May;63(749):349–54
Regression of hypertensive left ventricular hypertrophy and left ventricular diastolic function. Shahi M, et al. **Lancet** 1990 Aug 25;336(8713):458–61

CARBAMAZEPINE

Carbamazepine and SIADH [letter] Cooney JA. **Am J Psychiatry** 1990 Aug;147(8):1101–2
Carbamazepine-10,11-epoxide in epilepsy. A pilot study. Tomson T, et al. **Arch Neurol** 1990 Aug;47(8):888–92
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1990 Aug 22–29; 264(8):950
Clinically significant hemorrhage due to warfarin-carbamazepine interaction. Denbow CE, et al. **South Med J** 1990 Aug;83(8):981

CARBIMAZOLE

Comparison of placebo with L-thyroxine alone or with carbimazole for treatment of sporadic non-toxic goitre. Berghout A, et al. **Lancet** 1990 Jul 28;336(8709):193–7

CARBOHYDRATES

Effects of glyburide on carbohydrate metabolism and insulin action in the liver. Caro JF. **Am J Med** 1990 Aug 20; 89(2A):17S–25S; discussion 51S–53S (59 ref.)
Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro. Nose M, et al. **J Immunol** 1990 Aug 1;145(3):910–4
Idiotope structure and genetic diversity in anti-streptococcal group A carbohydrate antibodies. Phillips NJ, et al. **J Immunol** 1990 Aug 1;145(3):915–24
Biochemical characterization and worldwide distribution of serologically distinct lipopolysaccharides of Haemophilus influenzae type b. van Alphen L, et al. **J Infect Dis** 1990 Sep;162(3):659–63

CARBON

Carbon fibre composite bone plates. Development, evaluation and early clinical experience. Ali MS, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):586–91

CARBON DIOXIDE

The Fenem CO2 detector device. An apparatus to prevent unnoticed oesophageal intubation. Denman WT, et al. **Anaesthesia** 1990 Jun;45(6):465–7
Confirmation of tracheal intubation in a neonate using the Fenem CO2 detector [letter] Higgins D. **Anaesthesia** 1990 Jul;45(7):591–2
Capnometer readings at high altitude [letter] Hilberman M. **Anesthesiology** 1990 Aug;73(2):354–5
Is distal sampling of end-tidal CO2 necessary in small subjects? Rich GF, et al. **Anesthesiology** 1990 Aug; 73(2):265–8
End tidal carbon dioxide detector for monitoring cardiopulmonary resuscitation [letter] Muir JD, et al. **BMJ** 1990 Jul 7;301(6742):41–2

CARBON MONOXIDE

Abstinence from smoking and expired-air carbon monoxide levels: lactose intolerance as a possible source of error [see comments] McNeill AD, et al. **Am J Public Health** 1990 Sep;80(9):1114–5. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.
Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease [see comments] Sheps DS, et al. **Ann Intern Med** 1990 Sep 1;113(5):343–51 . Comment in: Ann Intern Med 1990 Sep 1;113(5):337–8.

CARBON MONOXIDE POISONING

Urban angina, urban arrhythmias: carbon monoxide and the heart [editorial; comment] Walden SM, et al. **Ann Intern Med** 1990 Sep 1;113(5):337–8. Comment on: Ann Intern Med 1990 Sep 1;113(5):343–51.
Occult carbon monoxide poisoning in patients with neurologic illness. Heckerling PS, et al. **J Toxicol Clin Toxicol** 1990;28(1):29–44

CARBOXYHEMOGLOBIN

Incidence and range of carboxyhaemoglobin in blood for transfusion. Freeman R, et al. **Anaesthesia** 1990 Jul; 45(7):581–3
Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease [see comments] Sheps DS, et al. **Ann Intern Med** 1990 Sep 1;113(5):343–51 . Comment in: Ann Intern Med 1990 Sep 1;113(5):337–8.
Occult carbon monoxide poisoning in patients with neurologic illness. Heckerling PS, et al. **J Toxicol Clin Toxicol** 1990;28(1):29–44

CARCINOEMBRYONIC ANTIGEN

Value of serum acute-phase reactant proteins and carcinoembryonic antigen in the preoperative staging of colorectal cancer. A multivariate analysis. Stamatiadis AP, et al. **Cancer** 1990 May 1;65(9):2055–7
Airway carcinoembryonic antigen concentrations in patients with central lung cancer or chronic bronchitis. Wesselius LJ, et al. **Chest** 1990 Aug;98(2):393–7
Expression and characterization of a chimeric bifunctional antibody with therapeutic applications. Phelps JL, et al. **J Immunol** 1990 Aug 15;145(4):1200–4
Surveillance strategies after resection of carcinoma of the colon and rectum. Fantini GA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):267–73 (58 ref.)

CARCINOID TUMOR

Carcinoid tumors and the carcinoid syndrome. Feldman JM. **Curr Probl Surg** 1989 Dec;26(12):829–918 (168 ref.)
Carcinoid tumour of the common bile duct—a novel complication of von Hippel-Lindau syndrome. Fellows IW, et al. **Gut** 1990 Jun;31(6):728–9

CARCINOMA

Non-Warthin's tumor oncocytic lesions. Hartwick RW, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):674–7 (26 ref.)
Association between transfusion with plasma and the recurrence of colorectal carcinoma. Marsh J, et al. **Br J Surg** 1990 Jun;77(6):623–6
Establishment of a human undifferentiated thyroid cancer cell line producing several growth factors and cytokines. Enomoto T, et al. **Cancer** 1990 May 1;65(9):1971–9
Mucoepidermoid carcinoma of the thyroid gland. Katoh R, et al. **Cancer** 1990 May 1;65(9):2020–7 (21 ref.)
Sulphomucin-secreting intestinal metaplasia in the human gastric mucosa. An association with intestinal-type gastric carcinoma. Matsukuma A, et al. **Cancer** 1990 Aug 15; 66(4):689–94
Medullary carcinoma with lymphocytic infiltration of the stomach. Clinicopathologic study of 27 cases and immunohistochemical analysis of the subpopulations of infiltrating lymphocytes in the tumor. Minamoto T, et al. **Cancer** 1990 Sep 1;66(5):945–52
Investigations on the significance of the adenoma-carcinoma sequence in the small bowel. Sellner F. **Cancer** 1990 Aug 15;66(4):702–15 (272 ref.)
Relationship between epidermal growth factor receptor status and various prognostic factors in human breast cancer. Toi M, et al. **Cancer** 1990 May 1;65(9):1980–4
Central mucoepidermoid carcinoma of the jaws: report of four cases with analysis of the literature and discussion of the relationship to mucoepidermoid, sialodontogenic, and glandular odontogenic cysts. Waldron CA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):871–7 (26 ref.)
Prognosis of patients with stage D1 prostate carcinoma following radical prostatectomy with and without early endocrine therapy. deKernion JB, et al. **J Urol** 1990 Sep; 144(3):700–3
Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299–302
125iodine reimplantation for locally progressive prostatic carcinoma. Wallner KE, et al. **J Urol** 1990 Sep;144(3):704–6
Vaginal ultrasound and endometrial carcinoma [letter] Leusley DM. **Lancet** 1990 Jul 28;336(8709):256
Surveillance strategies after resection of carcinoma of the colon and rectum. Fantini GA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):267–73 (58 ref.)
Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)
Pathophysiology and management of endometrial hyperplasia and carcinoma [see comments] Fu YS, et al. **West J Med** 1990 Jul;153(1):50–61 (125 ref.). Comment in: West J Med 1990 Jul;153(1):78–9.

CARCINOMA 256, WALKER

Effects of somatostatin analogue SMS 201-995 [letter] Poston GJ, et al. **Br J Surg** 1990 Jun;77(6):714–5

CARCINOMA, BASAL CELL

The effect of an intralesional sustained-release formulation of interferon alfa-2b on basal cell carcinomas. Edwards L, et al. **Arch Dermatol** 1990 Aug;126(8):1029–32
Interferon. Coming of age. Greenway HT Jr, et al. **Arch Dermatol** 1990 Aug;126(8):1080–2 (9 ref.)
Histologic changes in superficial basal cell epithelioma and Bowen's disease by intralesional injection of recombinant interleukin 2: recombinant interleukin 2 may induce redifferentiation of malignant tumor cells in vivo [letter] Mihara M, et al. **Arch Dermatol** 1990 Aug;126(8):1107
Abnormal expression of G71 antibody at the epidermal basement membrane in basal cell carcinoma. Tidman MJ, et al. **Cancer** 1990 May 1;65(9):1955–9
Basal cell carcinoma in a 12-year-old boy. Comstock J, et al. **Pediatrics** 1990 Sep;86(3):460–3
Lower eyelid reconstruction with the upper eyelid rotation flap. Papp C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):563–5; discussion 566–8

CARCINOMA, BRONCHIOLAR

Lobar bronchioloalveolar carcinoma: "angiogram sign" on CT scans. Im JG, et al. **Radiology** 1990 Sep;176(3):749–53

CARCINOMA, BRONCHOGENIC

Neodymium:YAG laser and brachytherapy in the management of inoperable bronchogenic carcinoma. Miller JI Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):190–5; discussion 195–6
Airway carcinoembryonic antigen concentrations in patients with central lung cancer or chronic bronchitis. Wesselius LJ, et al. **Chest** 1990 Aug;98(2):393–7

CARCINOMA, DUCTAL

Surgical palliation for pancreatic cancer. The UCLA experience. Singh SM, et al. **Ann Surg** 1990 Aug; 212(2):132–9

Expression of ras p21 in mammary and extramammary Paget's disease. Mori O, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):858–61

Topographic criteria in the diagnosis of tumor emboli in intramammary lymphatics. Orbo A, et al. **Cancer** 1990 Sep 1;66(5):972–7

Early breast cancer: detection of recurrence after conservative surgery and radiation therapy. Hassell PR, et al. **Radiology** 1990 Sep;176(3):731–5

Stereotactic breast biopsy with a biopsy gun [see comments] Parker SH, et al. **Radiology** 1990 Sep;176(3):741–7. Comment in: Radiology 1990 Sep;176(3):615–6.

CARCINOMA IN SITU

The preparation, handling and use of intravesical bacillus Calmette–Guerin for the management of stage Ta, T1, carcinoma in situ and transitional cell cancer. Brosman SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):313–5

Long-term followup of patients treated with 1 or 2, 6-week courses of intravesical bacillus Calmette–Guerin: analysis of possible predictors of response free of tumor. Coplen DE, et al. **J Urol** 1990 Sep;144(3):652–7

Re: Carcinoma in situ of the testis [letter] Dieckmann KP, et al. **J Urol** 1990 Aug;144(2 Pt 1):364

A randomized controlled study of intravesical alpha-2b-interferon in carcinoma in situ of the bladder. Glashan RW. **J Urol** 1990 Sep;144(3):658–61

From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677

Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Van Sickle M, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):540–2

CARCINOMA, MUCINOUS

Ovarian tumors with functioning stroma. An immunohistochemical study of 100 cases with human chorionic gonadotropin monoclonal and polyclonal antibodies. Matias-Guiu X, et al. **Cancer** 1990 May 1; 65(9):2001–5

CARCINOMA, NON-SMALL CELL LUNG

DNA alterations at proto-oncogene loci and their clinical significance in operable non-small cell lung cancer. Hajj C, et al. **Cancer** 1990 Aug 15;66(4):733–9

CARCINOMA, OAT CELL

Rectal small cell cancer in an HIV-positive man. Smitherman MH, et al. **Am J Med** 1990 Aug;89(2):239–40

Histocompatibility antigen expression in pulmonary carcinomas as indication of differentiation and of special subtypes. Dämmrich J, et al. **Cancer** 1990 May 1; 65(9):1942–54

Addition of verapamil and tamoxifen to the initial chemotherapy of small cell lung cancer. A phase I/II study. Figueredo A, et al. **Cancer** 1990 May 1;65(9):1895–902

Clinical and serologic markers of stage and prognosis in small cell lung cancer. A multivariate analysis. Gronowitz JS, et al. **Cancer** 1990 Aug 15;66(4):722–32

Advanced small cell carcinoma of the bladder. Successful treatment with combined radical cystoprostatectomy and adjuvant methotrexate, vinblastine, doxorubicin, and cisplatin chemotherapy. Oesterling JE, et al. **Cancer** 1990 May 1;65(9):1928–36

The use of biomarkers in the prediction of survival in patients with pulmonary carcinoma. Walop W, et al. **Cancer** 1990 May 1;65(9):2033–46

Bronchoesophageal fistula in small cell lung cancer [letter] Koval JC, et al. **Chest** 1990 Aug;98(2):512–3

Neuro-endocrine tumours of the head and neck. Soussi AC, et al. **J Laryngol Otol** 1990 Jun;104(6):504–7

Small cell carcinoma of the renal pelvis: a clinicopathological, morphological and immunohistochemical study of 2 cases. Essenfeld H, et al. **J Urol** 1990 Aug;144(2 Pt 1):344–7

Evolution of brain MRI abnormalities in limbic encephalitis. Dirr LY, et al. **Neurology** 1990 Aug;40(8):1304–6

CARCINOMA, PAPILLARY

Natural history, treatment, and course of papillary thyroid carcinoma. DeGroot LJ, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):414–24

Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Van Sickle M, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):540–2

CARCINOMA, RENAL CELL

Acridine orange flow cytometric analysis of renal cell carcinoma. Clinicopathologic implications of RNA content. el-Naggar AK, et al. **Am J Pathol** 1990 Aug; 137(2):275–80

Metastatic renal cell carcinoma. An unusual cause of syncope. Fogel RI, et al. **Chest** 1990 Aug;98(2):481–2

Evaluation of the new tumor, nodes and metastases classification of renal cell carcinoma. Hermanek P, et al. **J Urol** 1990 Aug;144(2 Pt 1):238–41; discussion 241–2

Mechanisms and modulation of multidrug resistance in primary human renal cell carcinoma [see comments] Mickisch GH, et al. **J Urol** 1990 Sep;144(3):755–9. Comment in: J Urol 1990 Sep;144(3):754.

Re: Deoxyribonucleic acid content and medroxyprogesterone acetate treatment in metastatic renal cell carcinoma [letter] Neuwirth H, et al. **J Urol** 1990 Sep;144(3):749–50

In vivo effects of high energy shock waves on urological tumors: an evaluation of treatment modalities. Oosterhof GO, et al. **J Urol** 1990 Sep;144(3):785–9

Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin-2 or interleukin-2 plus lymphokine activated killer cells. Robertson CN, et al. **J Urol** 1990 Sep;144(3):614–7; discussion 617–8

Enlargement of regional lymph nodes in renal cell carcinoma is often not due to metastases. Studer UE, et al. **J Urol** 1990 Aug;144(2 Pt 1):243–5

Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Graham D, et al. **Lancet** 1990 Sep 1;336(8714):574

Acquired cystic kidney disease: occurrence, prevalence, and renal cancers. Matson MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):217–26

Observations on the growth of renal neoplasms. Birnbaum BA, et al. **Radiology** 1990 Sep;176(3):695–701

Vascular metastatic lesions of the spine: preoperative embolization. Gellad FE, et al. **Radiology** 1990 Sep; 176(3):683–6

Renal masses: characterization with Doppler US. Kier R, et al. **Radiology** 1990 Sep;176(3):703–7

CARCINOMA, SQUAMOUS CELL

Recognition of N-glycosidic carbohydrates on esophageal carcinoma cells by macrophage cell line THP-1. Takano R, et al. **Am J Pathol** 1990 Aug;137(2):393–401

Elevated concentration of soluble interleukin-2 receptors in serum of smokers and patients with lung cancer. Correlation with clinical activity. Ginns LC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):398–402

Histologic changes in superficial basal cell epithelioma and Bowen's disease by intralesional injection of recombinant interleukin 2: recombinant interleukin 2 may induce redifferentiation of malignant tumor cells in vivo [letter] Mihara M, et al. **Arch Dermatol** 1990 Aug;126(8):1107

Esophagography and esophagoscopy. Comparison in the examination of patients with head and neck carcinoma. Nino-Murcia M, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):917–9

Oropharynx carcinoma: irradiation alone versus induction chemotherapy plus irradiation—5 year results. Calais G, et al. **Br J Radiol** 1990 May;63(749):340–5

Abdominocervical (transhiatal) oesophagectomy in the management of oesophageal carcinoma. Gotley DC, et al. **Br J Surg** 1990 Jul;77(7):815–9

Marijuana smoking and carcinoma of the tongue. Is there an association? Caplan GA, et al. **Cancer** 1990 Sep 1; 66(5):1005–6 (15 ref.)

Histocompatibility antigen expression in pulmonary carcinomas as indication of differentiation and of special subtypes. Dämmrich J, et al. **Cancer** 1990 May 1; 65(9):1942–54

A phase II study of cisplatin and continuous infusion of vindesine in metastatic head and neck squamous cell cancer. Tellez-Bernal E, et al. **Cancer** 1990 Aug 15;66(4):640–4

The use of biomarkers in the prediction of survival in patients with pulmonary carcinoma. Walop W, et al. **Cancer** 1990 May 1;65(9):2033–46

Cytologic diagnosis in bronchoalveolar lavage specimens. A diagnostic technique for lung neoplasms with a peripheral location [letter] Bellmunt J, et al. **Chest** 1990 Aug; 98(2):513–4

Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chan AL, et al. **Chest** 1990 Aug;98(2):271–5

Flow cytometric analysis of DNA content in laryngeal cancer. Feinmesser R, et al. **J Laryngol Otol** 1990 Jun; 104(6):485–7

Lymph node metastasis in resectable esophageal cancer [see comments] Abe S, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):287–91. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):314–6.

Invited letter concerning: lymph node metastasis in resectable esophageal disease [letter; comment] McElvein RB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):314–6. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):287–9.

Human papillomavirus DNA in invasive carcinoma of the vagina. Ikenberg H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):432–8

Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Van Sickle M, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):540–2

Thyroglossal duct cyst [letter] Turhal N, et al. **South Med J** 1990 Aug;83(8):983–4

CARCINOMA, TRANSITIONAL CELL

Glutathione-S-transferase activity in human superficial transitional cell carcinoma of the bladder. Comparison with healthy controls. Lafuente A, et al. **Cancer** 1990 May 1; 65(9):2064–8

Expression of CD15 antigen in urinary bladder transitional cell carcinoma. Parham DM, et al. **J Clin Pathol** 1990 Jul; 43(7):541–3

A combined therapy of hyperthermia and tumor necrosis factor for nude mice bearing KK-47 bladder cancer. Amano T, et al. **J Urol** 1990 Aug;144(2 Pt 1):370–4

Low dose intravesical heparin as prophylaxis against recurrent noninvasive (stage Ta) bladder cancer. Bitsch M, et al. **J Urol** 1990 Sep;144(3):635–6

The preparation, handling and use of intravesical bacillus Calmette-Guerin for the management of stage Ta, T1, carcinoma in situ and transitional cell cancer. Brosman SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):313–5

Long-term followup of patients treated with 1 or 2, 6-week courses of intravesical bacillus Calmette-Guerin: analysis of possible predictors of response free of tumor. Coplen DE, et al. **J Urol** 1990 Sep;144(3):652–7

Small cell carcinoma of the renal pelvis: a clinicopathological, morphological and immunohistochemical study of 2 cases. Essenfeld H, et al. **J Urol** 1990 Aug;144(2 Pt 1):344–7

Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. Flamm J, et al. **J Urol** 1990 Aug;144(2 Pt 1):260–3

Urethral recurrence following radical cystectomy. Hardeman SW, et al. **J Urol** 1990 Sep;144(3):666–9

Quantitative immunocytology in the management of patients with superficial bladder carcinoma. I. A marker to identify patients who do not require prophylaxis. Huland E, et al. **J Urol** 1990 Sep;144(3):637–9; discussion 639–40

Usefulness and limitations of methotrexate, vinblastine, doxorubicin and cisplatin for the treatment of advanced urothelial cancer. Igawa M, et al. **J Urol** 1990 Sep; 144(3):662–5

The role of radical cystectomy in the management of high grade superficial bladder cancer (PA, P1, PIS and P2). Malkowicz SB, et al. **J Urol** 1990 Sep;144(3):641–5

Re: Impact of endourology on diagnosis and management of upper urinary tract urothelial cancer [letter] Martínez-Piñeiro JA. **J Urol** 1990 Sep;144(3):750

The use of transrectal ultrasound in the detection and evaluation of local pelvic recurrences after a radical urological pelvic operation. Parra RO, et al. **J Urol** 1990 Sep;144(3):707–9

Mechanisms of human bladder tumor invasion: role of protease cathepsin B. Weiss RE, et al. **J Urol** 1990 Sep; 144(3):798–804

Deoxyribonucleic acid flow cytometry in predicting response to radical radiotherapy of bladder cancer. Wijkström H, et al. **J Urol** 1990 Sep;144(3):646–50; discussion 650–1

CARCINOSARCOMA

Carcinosarcoma of the gallbladder. A case report with immunohistochemical and ultrastructural studies. Ishihara T, et al. **Cancer** 1990 Sep 1;66(5):992–7

Carcinosarcoma of the prostate in combination with adenocarcinoma of the prostate and adenocarcinoma of the seminal vesicles. A case report with immunocytochemical analysis and review of the literature. Zenklusen HR, et al. **Cancer** 1990 Sep 1;66(5):998–1001 (12 ref.)

CARDIAC OUTPUT

Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90

Red cell volume and cardiac output in anaemic preterm infants. Hudson I, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):672–5

Hemodynamic status susceptible to slowing of heart rate during thermodilution cardiac output determination in anesthetized patients. Nishikawa T, et al. **Crit Care Med** 1990 Aug;18(8):841–4

Relationship between cardiac output and cerebral blood flow in patients with intact and with impaired autoregulation. Bouma GJ, et al. **J Neurosurg** 1990 Sep;73(3):368–74

Determination of diastolic function by radionuclide ventriculography. Clements IP, et al. **Mayo Clin Proc** 1990 Jul;65(7):1007–19 (54 ref.)

CARDIAC OUTPUT, LOW

Cardiac failure in coronary heart disease. Cheng TO. **Am Heart J** 1990 Aug;120(2):396–412 (81 ref.)

In utero detection of cardiac failure from an aneurysm of the vein of Galen. Jeanty P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):50–1

Shock, transfusion, and pneumonectomy. Death is due to right heart failure and increased pulmonary vascular resistance. Cryer HG, et al. **Ann Surg** 1990 Aug; 212(2):197–201

Refractory right ventricular failure due to granulocytic sarcoma. Tillawi IS, et al. **Arch Pathol Lab Med** 1990 Sep;

114(9):983-5
Hyperosmolality related to propylene glycol in an infant treated with enoximone infusion. Huggon I, et al. **BMJ** 1990 Jul 7;301(6742):19-20
Muscle blood flow during forearm exercise in patients with severe heart failure. Arnold JM, et al. **Circulation** 1990 Aug; 82(2):465-72
Beta-adrenergic pathways in nonfailing and failing human ventricular myocardium. Bristow MR, et al. **Circulation** 1990 Aug;82(2 Suppl):I12-25 (106 ref.)
Myocardial catecholamines and the pathophysiology of heart failure. Daly PA, et al. **Circulation** 1990 Aug;82(2 Suppl):I35-43 (107 ref.)
Role of the sympathetic nervous system in chronic heart failure. A historical and philosophical perspective. Packer M. **Circulation** 1990 Aug;82(2 Suppl):I1-6 (80 ref.)
Pathophysiological mechanisms underlying the effects of beta-adrenergic agonists and antagonists on functional capacity and survival in chronic heart failure. Packer M. **Circulation** 1990 Aug;82(2 Suppl):I77-88 (141 ref.)
Role of dopamine receptors and the utility of dopamine agonists in heart failure. Rajfer SI, et al. **Circulation** 1990 Aug;82(2 Suppl):I97-102 (77 ref.)

CARDIAC PACING, ARTIFICIAL

The in vivo response of ouabain-induced arrhythmias to pacing: acceleration instead of termination. Vos MA, et al. **Am Heart J** 1990 Sep;120(3):604-11
Characteristic variation in evoked potential amplitude with changes in pacing stimulus strength. Curtis AB, et al. **Am J Cardiol** 1990 Aug 15;66(4):416-22
In vivo induction of "focal" triggered ventricular arrhythmias and responses to overdrive pacing in the canine heart. Furukawa T, et al. **Circulation** 1990 Aug; 82(2):549-59
Management of survivors of cardiac arrest: is electrophysiologic testing obsolete in the era of implantable defibrillators? [comment] Kim SG. **J Am Coll Cardiol** 1990 Sep;16(3):756-62 (48 ref.). Comment on: J Am Coll Cardiol 1990 Sep;16(3):657-65.
Long-term outcome in patients who survive out of hospital ventricular fibrillation and undergo electrophysiologic studies: evaluation by electrophysiologic subgroups [see comments] Poole JE, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):657-65. Comment in: J Am Coll Cardiol 1990 Sep;16(3):756-62.

CARDIAC TAMPONADE

Left ventricular pseudohypertrophy in pericardial effusion as a sign of cardiac tamponade. Di Segni E, et al. **Am J Cardiol** 1990 Aug 15;66(4):508-11
Three cases of fatal cardiac tamponade following ventricular endocardial biopsy. Craven CM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):836-9
Pericardial tamponade and limited cutaneous systemic sclerosis (CREST syndrome). Sattar MA, et al. **Br J Rheumatol** 1990 Aug;29(4):306-7
Right atrial compression in postoperative cardiac patients: detection by transesophageal echocardiography. Kochar GS, et al. **J Am Coll Cardiol** 1990 Aug;16(2):511-6

CARDIAC VOLUME

Atrial volume in cirrhosis: relationship to blood volume and plasma concentration of atrial natriuretic factor. Rector WG Jr, et al. **Gastroenterology** 1990 Sep;99(3):766-70
Determination of diastolic function by radionuclide ventriculography. Clements IP, et al. **Mayo Clin Proc** 1990 Jul;65(7):1007-19 (54 ref.)

CARDIOLIPINS

Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575-84
Cardiac abnormalities in systemic lupus erythematosus. Association with raised anticardiolipin antibodies [see comments] Nihoyannopoulos P, et al. **Circulation** 1990 Aug; 82(2):369-75. Comment in: Circulation 1990 Aug;82(2):636-8.
Anticardiolipin antibodies and binding of anionic phospholipids and serum protein [letter] Harris EN, et al. **Lancet** 1990 Aug 25;336(8713):505-6
Lack of association between anticardiolipin antibodies and heart valve disease in Chinese patients with systemic lupus erythematosus [letter] Li EK, et al. **Lancet** 1990 Aug 25; 336(8713):504-5
Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190-6
Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Levine SR, et al. **Neurology** 1990 Aug;40(8):1181-9

CARDIOLOGY

Confessions of creeping obsolescence. Weisse AB. **Hosp Pract [Off]** 1990 Jul 15;25(7):21, 25, 28

CARDIOMYOPATHY, CONGESTIVE

Percutaneous fiberoptic angioscopy of the left ventricle in patients with dilated cardiomyopathy and acute myocarditis. Uchida Y, et al. **Am Heart J** 1990 Sep; 120(3):677-87
Reversibility of tachycardia-induced cardiomyopathy after cure of incessant supraventricular tachycardia. Cruz FE, et al. **J Am Coll Cardiol** 1990 Sep;16(3):739-44
Severe congestive heart failure and cardiomyopathy as a complication of myotonic dystrophy in pregnancy. Fall LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):481-5

CARDIOMYOPATHY, HYPERTROPHIC

The probability of detecting a subaortic ridge in children with ventricular septal defect or coarctation of the aorta. Cassidy SC, et al. **Am J Cardiol** 1990 Aug 15;66(4):505-8
Reappraisal of localized resection for subvalvar aortic stenosis. Stewart JR, et al. **Ann Thorac Surg** 1990 Aug; 50(2):197-202; discussion 202-3
Fibrosis in hypertrophic cardiomyopathy: its possible pathogenesis [letter] Beranek JT. **J Am Coll Cardiol** 1990 Aug;16(2):519
Q waves in hypertrophic cardiomyopathy in relation to the distribution and severity of right and left ventricular hypertrophy [see comments] Lemery R, et al. **J Am Coll Cardiol** 1990 Aug;16(2):368-74. Comment in: J Am Coll Cardiol 1990 Aug;16(2):375-6.
Q waves in hypertrophic cardiomyopathy: a reassessment [editorial; comment] Maron BJ. **J Am Coll Cardiol** 1990 Aug;16(2):375-6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):368-74.

CARDIOMYOPATHY, RESTRICTIVE

Myocardial tuberculosis presenting as restrictive cardiomyopathy. Bali HK, et al. **Am Heart J** 1990 Sep; 120(3):703-6
Restrictive cardiomyopathy. Wilmshurst PT, et al. **Br Heart J** 1990 Jun;63(6):323-4 (34 ref.)

CARDIOPLEGIC SOLUTIONS

Oxygenated cardioplegia: blood is a many splendored thing [comment] Buckberg GD. **Ann Thorac Surg** 1990 Aug; 50(2):175-7. Comment on: Ann Thorac Surg 1990 Aug;50(2):230-7.
Preservation of myocardial function and biochemistry after blood and oxygenated crystalloid cardioplegia during cardiac arrest [see comments] Coetzee A, et al. **Ann Thorac Surg** 1990 Aug;50(2):230-7. Comment in: Ann Thorac Surg 1990 Aug;50(2):175-7.
Myocardial protection by retrograde cardioplegia in arterial switch operation. Yonenaga K, et al. **Ann Thorac Surg** 1990 Aug;50(2):238-42
The concentration of calcium in neonatal cardioplegia. Zweng TN, et al. **Ann Thorac Surg** 1990 Aug;50(2):262-7

CARDIOPULMONARY BYPASS

Detection of microbubbles released by oxygenators during cardiopulmonary bypass by intraoperative transesophageal echocardiography. Meloni L, et al. **Am J Cardiol** 1990 Aug 15;66(4):511-4
Sinusoidal fetal heart rate pattern during cardiopulmonary bypass. Burke AB, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):17-8
Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. Esposito RA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):572-4
Does cardiopulmonary bypass alter enflurane requirements for anesthesia? Hall RI, et al. **Anesthesiology** 1990 Aug; 73(2):249-55
Hypoxemia during cardiopulmonary bypass [letter] Belcher P, et al. **Ann Thorac Surg** 1990 Aug;50(2):336
Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Pillai R, et al. **Ann Thorac Surg** 1990 Aug;50(2):211-4
Cardiopulmonary bypass for resection of low tracheal haemangioma. Franks R, et al. **Arch Dis Child** 1990 Jun; 65(6):630-2
Platelet-rich plasma reduces postoperative blood loss after cardiopulmonary bypass. DelRossi AJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):281-6
Brain tissue pH, oxygen tension, and carbon dioxide tension in profoundly hypothermic cardiopulmonary bypass. Pulsatile assistance for circulatory arrest, low-flow perfusion, and moderate-flow perfusion. Watanabe T, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):274-80
Resection of nonrenal retroperitoneal tumors with large vena caval thrombi using cardiopulmonary bypass and hypothermic circulatory arrest. Angermeier KW, et al. **J Urol** 1990 Sep;144(3):735-9
Mechanical cardiac actuation achieves hemodynamics similar to cardiopulmonary bypass. Anstadt MP, et al. **Surgery** 1990 Aug;108(2):442-9; discussion 449-51

CARDIOTOCOGRAPHY

Birth asphyxia and the intrapartum cardiotocograph. Murphy KW, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):470-9

CARDIOTONIC AGENTS

Effect of milrinone on ventricular arrhythmias in congestive heart failure. Ferrick KJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):431-4
Hyperosmolality related to propylene glycol in an infant treated with enoximone infusion. Huggon I, et al. **BMJ** 1990 Jul 7;301(6742):19-20

CARDIOVASCULAR DISEASES

Diabetes, fibrinogen, and risk of cardiovascular disease: the Framingham experience. Kannel WB, et al. **Am Heart J** 1990 Sep;120(3):672-6
Circadian rhythms in cardiovascular disease. Quyyumi AA. **Am Heart J** 1990 Sep;120(3):726-33
Fish-oil concentrate: effects on variables related to cardiovascular disease. Flaten H, et al. **Am J Clin Nutr** 1990 Aug;52(2):300-6
Toxic effects associated with the administration of deferoxamine in the premature baboon with hyaline membrane disease. deLemos RA, et al. **Am J Dis Child** 1990 Aug;144(8):915-9
Cardiac valve prostheses at autopsy. Zeien LB, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):933-7
The association of payer with utilization of cardiac procedures in Massachusetts [see comments] Wenneker MB, et al. **JAMA** 1990 Sep 12;264(10):1255-60. Comment in: JAMA 1990 Sep 12;264(10):1294-5.
Premature mortality due to cardiovascular disease in hypopituitarism. Rosén T, et al. **Lancet** 1990 Aug 4; 336(8710):285-8

CARDIOVASCULAR SYSTEM

Cardiovascular effects of intracoronary atrial natriuretic peptide administration in man. Herrmann HC, et al. **Am Heart J** 1990 Aug;120(2):308-15
Cardiovascular effects of fish oils. Beyond the platelet. Leaf A. **Circulation** 1990 Aug;82(2):624-8 (42 ref.)
Pharmacodynamic response to ionized calcium during acute sepsis [see comments] Steinhorn DM, et al. **Crit Care Med** 1990 Aug;18(8):851-7. Comment in: Crit Care Med 1990 Aug;18(8):895-6.
An effect of trauma on human cardiovascular control: baroreflex suppression. Anderson ID, et al. **J Trauma** 1990 Aug;30(8):974-81; discussion 981-2

CAREER CHOICE

Does an ambulatory-care experience influence third-year students to select a career in internal medicine? Fincher RM, et al. **Acad Med** 1990 Jun;65(6):421
Performance appraisal and career counselling for senior house officers. Ward Platt M, et al. **Arch Dis Child** 1990 Jul;65(7):796-801

CAREER MOBILITY

Execs who switch careers get mixed results. Moran EJ. **Hospitals** 1990 Aug 20;64(16):44

CARNITINE

L-carnitine for leg ulcers [letter] Harrell HL Jr. **Ann Intern Med** 1990 Sep 1;113(5):412

CAROTENE

Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Richards GA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):648-54
Aplastic anemia associated with canthaxanthin ingested for 'tanning' purposes. Bluhm R, et al. **JAMA** 1990 Sep 5; 264(9):1141-2

CAROTID ARTERIES

Carotid artery reconstruction following extracorporeal membrane oxygenation. Crombleholme TM, et al. **Am J Dis Child** 1990 Aug;144(8):872-4
Vascular effects of cyclosporine A in vivo and in vitro. Ferns G, et al. **Am J Pathol** 1990 Aug;137(2):403-13
Throwing out the baby with the bathwater [letter] Stevens JM, et al. **Br J Surg** 1990 Jul;77(7):835
Effects of carotid occlusion and angiotensin II on vasopressin secretion in intact and vagotomized conscious rabbits. Hreash F, et al. **Endocrinology** 1990 Sep;127(3):1160-6
Carotid artery trauma: management based on mechanism of injury. Fabian TC, et al. **J Trauma** 1990 Aug;30(8):953-61; discussion 961-3
Dedicated coil for carotid MR angiography. Anderson CM, et al. **Radiology** 1990 Sep;176(3):868-72

CAROTID ARTERY DISEASES

Symptomatic carotid ischaemic events: safest and most cost effective way of selecting patients for angiography, before carotid endarterectomy. Hankey GJ, et al. **BMJ** 1990 Jun

9;300(6738):1485–91
Spontaneous dissection of the intrapetrous internal carotid artery. Saeed SR, et al. **J Laryngol Otol** 1990 Jun; 104(6):491–3
Dedicated coil for carotid MR angiography. Anderson CM, et al. **Radiology** 1990 Sep;176(3):868–72

CAROTID ARTERY, INTERNAL

Assessment of cerebral hemodynamics in pregnant women by internal carotid artery pulsed Doppler velocimetry. Ikeda T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):494–8

CAROTID BODY

Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. Riggs JE. **South Med J** 1990 Aug;83(8):955–6

CARPAL TUNNEL SYNDROME

First lumbrical latency and amplitude. Control values and findings in carpal tunnel syndrome. Fitz WR, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):198–201
The carpal tunnel syndrome [letter] Bohr T. **Ann Intern Med** 1990 Aug 1;113(3):254
The carpal tunnel syndrome [letter] Pease WS. **Ann Intern Med** 1990 Sep 1;113(5):409

CARRIER PROTEINS

Transcapillary permeability and subendothelial distribution of endothelial and amniotic fluid insulin-like growth factor binding proteins in the rat heart. Bar RS, et al. **Endocrinology** 1990 Sep;127(3):1078–86
Regulation of serum insulin-like growth factor-I (IGF-I) and IGF binding proteins during rat pregnancy. Davenport ML, et al. **Endocrinology** 1990 Sep;127(3):1278–86
The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114–20
Regulation of growth hormone (GH) bioactivity by a recombinant human GH-binding protein. Lim L, et al. **Endocrinology** 1990 Sep;127(3):1287–91
Dexamethasone increases hepatic insulin-like growth factor binding protein-1 (IGFBP-1) mRNA and serum IGFBP-1 concentrations in the rat. Luo J, et al. **Endocrinology** 1990 Sep;127(3):1456–62
Characterization of insulin-like growth factor binding proteins produced in the rat central nervous system. Ocrant I, et al. **Endocrinology** 1990 Sep;127(3):1260–7
A new and convenient assay of growth hormone-binding protein activity in human serum. Amit T, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):474–80
Plasma transport of human growth hormone in vivo. Baumann G, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):470–3
Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. Bouvet JP, et al. **J Immunol** 1990 Aug 15; 145(4):1176–80
Na(+)-Ca2+ exchanger and cardiac contraction [editorial] **Lancet** 1990 Jul 28;336(8709):219–20

CARRIER STATE

Extended spectrum of symptoms in cryptosporidiosis [letter] Flanigan TP, et al. **Am J Med** 1990 Aug;89(2):252
Rapid assessment of haemophilia A carrier state by non-invasive techniques using the polymerase chain reaction. Ball J, et al. **J Clin Pathol** 1990 Jun;43(6):505–7
Risk factors for Clostridium difficile carriage and C. difficile-associated diarrhea in a cohort of hospitalized patients. McFarland LV, et al. **J Infect Dis** 1990 Sep; 162(3):678–84

CARTILAGE

Chondroplastic graft augmentation rhinoplasty. Spencer MG. **J Laryngol Otol** 1990 Jul;104(7):539–43

CARTILAGE, ARTICULAR

Osteochondritis dissecans of the knee: value of MR imaging in determining lesion stability and the presence of articular cartilage defects. De Smet AA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):549–53
The synovium-cartilage junction of the normal human knee. Implications for joint destruction and repair. Allard SA, et al. **Arthritis Rheum** 1990 Aug;33(8):1170–9
The arthroscopic appearance of acute temporomandibular joint trauma. Goss AN, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):780–3; discussion 784
Arthroscopic lavage and lysis of the temporomandibular joint: a change in perspective. Nitzan DW, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):798–801; discussion 802

CASEINS

Self-leveling mortar as a possible cause of symptoms associated with "sick building syndrome". Lundholm M, et al. **Arch Environ Health** 1990 May-Jun;45(3):135–40

CASTS, SURGICAL

Fascia lata and early spica casting as adjuncts in closure of bladder exstrophy. Scherz HC, et al. **J Urol** 1990 Aug;144(2 Pt 2):550–3; discussion 562–3
Use of serial casting in the management of knee joint contractures in an adolescent with cerebral palsy. Phillips WE, et al. **Phys Ther** 1990 Aug;70(8):521–3

CAT-SCRATCH DISEASE

Visceral bacillary epithelioid angiomatosis: possible manifestations of disseminated cat scratch disease in the immunocompromised host: a report of two cases. Kemper CA, et al. **Am J Med** 1990 Aug;89(2):216–22
Response of HIV-associated disseminated cat scratch disease to treatment with doxycycline. Mui BS, et al. **Am J Med** 1990 Aug;89(2):229–31

CATALASE

Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Nauta RJ, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):120–5
Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Lazar HL, et al. **Surgery** 1990 Aug;108(2):423–9; discussion 429–30

CATARACT

Cataract-free zone in Latin America [editorial] Contreras F. **Am J Ophthalmol** 1990 Aug 15;110(2):203–4
Distinctive cataract in the Stickler syndrome. Seery CM, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):143–8

CATARACT EXTRACTION

A comparison of the effects of alfentanil/droperidol or fentanyl/droperidol on intra-ocular pressure. Coley S, et al. **Anaesthesia** 1990 Jun;45(6):477–80
Toxic endothelial cell destruction of the cornea after routine extracapsular cataract surgery. Breebaart AC, et al. **Arch Ophthalmol** 1990 Aug;108(8):1121–5
Effect of sulcus vs capsular fixation on YAG-induced pressure rises following posterior capsulotomy. Gimbel HV, et al. **Arch Ophthalmol** 1990 Aug;108(8):1126–9

CATECHOLAMINES

Myocardial catecholamines and the pathophysiology of heart failure. Daly PA, et al. **Circulation** 1990 Aug;82(2 Suppl):I35–43 (107 ref.)

CATHEPSIN B

Mechanisms of human bladder tumor invasion: role of protease cathepsin B. Weiss RE, et al. **J Urol** 1990 Sep; 144(3):798–804

CATHETERIZATION

Transcatheter aspiration of intracoronary thrombus after myocardial infarction. Brown SE, et al. **Am Heart J** 1990 Sep;120(3):688–90
A new infusion cannula for advanced proliferative vitreoretinopathy. Landers MB 3d, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):209–10
Microcatheters for continuous spinal anesthesia [letter] **Anesth Analg** 1990 Aug;71(2):200–3
The falling column: a new technique for interpleural catheter placement [letter] Ben-David B, et al. **Anesth Analg** 1990 Aug;71(2):212
Arteriovenous fistula in the presence of subclavian vein thrombosis: a serious complication. Kahn D, et al. **Br J Surg** 1990 Jun;77(6):682

CATHETERIZATION, CENTRAL VENOUS

Prolonged bacteremia with catheter-related central venous thrombosis. Rupar DG, et al. **Am J Dis Child** 1990 Aug; 144(8):879–82
Staphylococcus aureus bacteremia in patients with Hickman catheters. Dugdale DC, et al. **Am J Med** 1990 Aug; 89(2):137–41
Ultrasonographic guidance for central venous access [letter] Greenspoon JS. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):252
Internal jugular catheterisation. Case report of a potentially fatal hazard. Powell H, et al. **Anaesthesia** 1990 Jun; 45(6):458–9
Hickman catheter-induced thoracic vein thrombosis. Frequency and long-term sequelae in patients receiving high-dose chemotherapy and marrow transplantation. Haire WD, et al. **Cancer** 1990 Sep 1;66(5):900–8
Serendipitous discovery during jugular catheterization. Partial anomalous pulmonary venous connection. Wylam ME, et al. **Chest** 1990 Aug;98(2):493–5
Infections related to central venous catheters. Corona ML, et al. **Mayo Clin Proc** 1990 Jul;65(7):979–86 (31 ref.)

CATHETERIZATION, PERIPHERAL

Cannulation of the posterior tibial artery [letter] Rawle P. **Anaesthesia** 1990 Jul;45(7):589–90
Acromegaly and radial artery cannulation [letter] Losasso T, et al. **Anesth Analg** 1990 Aug;71(2):204
Percutaneous catheterization of the axillary artery in the pediatric patient. Cantwell GP, et al. **Crit Care Med** 1990 Aug;18(8):880–1
Umbilical venous catheter vs umbilical artery catheter [letter] Kitterman JA. **Pediatrics** 1990 Sep;86(3):495
Intraoperative intra-arterial urokinase infusion as an adjunct to Fogarty catheter embolectomy in acute arterial occlusion. Garcia R, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):201–5

CATHETERS, INDWELLING

Staphylococcus aureus bacteremia in patients with Hickman catheters. Dugdale DC, et al. **Am J Med** 1990 Aug; 89(2):137–41
Single-lumen vs double-lumen catheters for total parenteral nutrition. A randomized, prospective trial. Johnson BH, et al. **Arch Surg** 1990 Aug;125(8):990–2
Constant infusion of morphine for intractable cancer pain using an implanted pump. Hassenbusch SJ, et al. **J Neurosurg** 1990 Sep;73(3):405–9

CATIONS

A comparison of the effects of divalent and trivalent cations on parathyroid hormone release, 3',5'-cyclic-adenosine monophosphate accumulation, and the levels of inositol phosphates in bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1990 Sep;127(3):1064–71

CATS

Reported cat bites in Dallas: characteristics of the cats, the victims, and the attack events. Wright JC. **Public Health Rep** 1990 Jul-Aug;105(4):420–4

CATTLE DISEASES

Concern about bovine spongiform encephalopathy [letter] Howard R, et al. **Lancet** 1990 Aug 4;336(8710):316
Delusional bovine spongiform encephalopathy [letter] Lovestone S. **Lancet** 1990 Sep 1;336(8714):565

CAUCASOID RACE

Ankylosing spondylitis in aborigines (guanches) of the Canary Islands [letter] González T, et al. **Arthritis Rheum** 1990 Aug;33(8):1294–5

CAUDA EQUINA

Microtubular aggregates within rough endoplasmic reticulum in myxopapillary ependymoma of the filum terminale. Ho KL. **Arch Pathol Lab Med** 1990 Sep;114(9):956–60
Giant gangliocytic paraganglioma of the filum terminale. Case report. Djindjian M, et al. **J Neurosurg** 1990 Sep; 73(3):459–61
Paraganglioma of the cauda equina. Report of three cases. Pigott TJ, et al. **J Neurosurg** 1990 Sep;73(3):455–8
Cauda equina syndrome of long-standing ankylosing spondylitis. Case report and review of the literature. Tullous MW, et al. **J Neurosurg** 1990 Sep;73(3):441–7 (38 ref.)
Occult spinal dysraphism: clinical and urodynamic outcome after division of the filum terminale. Khoury AE, et al. **J Urol** 1990 Aug;144(2 Pt 2):426–8; discussion 428–9, 443–4

CAUDATE NUCLEUS

Autologous cervical ganglion transplantation in parkinsonian monkeys [letter] Pallini R, et al. **J Neurosurg** 1990 Sep; 73(3):474–5

CAUSE OF DEATH

Death resulting from motor vehicle immersions: the nature of the injuries, personal and environmental contributing factors, and potential interventions. Wintemute GJ, et al. **Am J Public Health** 1990 Sep;80(9):1068–70
From the Centers for Disease Control. Fatal injuries to children—United States, 1986. **JAMA** 1990 Aug 22–29; 264(8):952–3
The accuracy of liver cancer as the underlying cause of death on death certificates. Percy C, et al. **Public Health Rep** 1990 Jul-Aug;105(4):361–7

CAUSTICS

A controlled trial of corticosteroids in children with corrosive injury of the esophagus [see comments] Anderson KD, et al. **N Engl J Med** 1990 Sep 6;323(10):637–40. Comment in: N Engl J Med 1990 Sep 6;323(10):668–70.
Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] Lovejoy FH Jr. **N Engl J Med** 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep

6;323(10):637–40.

CECAL DISEASES

Bacterial ileocaecitis and appendicitis [letter] Van Noyen R, et al. **Lancet** 1990 Aug 25;336(8713):518

CECAL NEOPLASMS

Is evaluation of the right colon necessary prior to cecocystoplasty? Beshai AZ, et al. **J Urol** 1990 Aug;144(2 Pt 1):359–61

CECUM

Delayed stomach to caecum transit time in the diabetic rat. Possible role of hyperglucagonaemia. Chesta J, et al. **Gut** 1990 Jun;31(6):660–2

Comparative study of hydrogen and methane production in the human colon using caecal and faecal homogenates. Flourié B, et al. **Gut** 1990 Jun;31(6):684–5

CEFAZOLIN

Antibiotic prophylaxis for cesarean delivery: is an extended-spectrum agent necessary? Carlson C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):343–6

CEFOTETAN

Antibiotic prophylaxis for cesarean delivery: is an extended-spectrum agent necessary? Carlson C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):343–6

CEFOXITIN

Addition of parenteral cefoxitin to regimen of oral antibiotics for elective colorectal operations. A randomized prospective study. Schoetz DJ Jr, et al. **Ann Surg** 1990 Aug;212(2):209–12

CEFTAZIDIME

A novel chromosomal TEM derivative and alterations in outer membrane proteins together mediate selective ceftazidime resistance in Escherichia coli. Weber DA, et al. **J Infect Dis** 1990 Aug;162(2):460–5

CEFTRIAXONE

Ceftriaxone therapy of chronic inflammatory arthritis. A double-blind placebo controlled trial. Caperton EM, et al. **Arch Intern Med** 1990 Aug;150(8):1677–82

Reduced dosage of ceftriaxone for uncomplicated gonorrhea in women. Freedman LD. **J Fam Pract** 1990 Aug; 31(2):201–2, 205

CELIAC ARTERY

Coeliac artery compression syndrome: the effect of decompression. Geelkerken RH, et al. **Br J Surg** 1990 Jul; 77(7):807–9

CELIAC DISEASE

Zinc metabolism in celiac disease. Crofton RW, et al. **Am J Clin Nutr** 1990 Aug;52(2):379–82

When should the celiac patient have an intestinal biopsy [letter] Catassi C, et al. **Arch Dis Child** 1990 Jul;65(7):810–1

Forty years ago. Coeliac disease. Jackson AD. **Arch Dis Child** 1990 Jun;65(6):609

Postoperative management of patients with total exocrine pancreatic insufficiency. Braga M, et al. **Br J Surg** 1990 Jun;77(6):669–72

Gliadin challenge-induced jejunal prostaglandin E2 secretion in celiac disease. Lavö B, et al. **Gastroenterology** 1990 Sep; 99(3):703–7

HLA-DP and coeliac disease: family and population studies. Caffrey C, et al. **Gut** 1990 Jun;31(6):663–7

Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Mantzaris GJ, et al. **Gut** 1990 Jun;31(6):668–73

Small bowel enema in non-responsive coeliac disease. Mike N, et al. **Gut** 1990 Aug;31(8):883–5

Partial lipodystrophy in coeliac disease. O'Mahony D, et al. **Gut** 1990 Jun;31(6):717–8

Rectal gluten challenge and diagnosis of coeliac disease [letter] deSousa JS. **Lancet** 1990 Aug 4;336(8710):323

Rectal gluten challenge and diagnosis of coeliac disease [letter] Loft DE, et al. **Lancet** 1990 Sep 1;336(8714):570

CELL ADHESION

Symposium on Cytoadherence and Cerebral Malaria. Honolulu, HI, 10 December 1989. Proceedings. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):1–41

T cells bind to cytokine-activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule-1. Graber N, et al. **J Immunol** 1990 Aug 1;145(3):819–30

CELL ADHESION MOLECULES

Host receptors for malaria-infected erythrocytes. Chulay JD, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):6–14 (37 ref.)

Differential expression of CD54/intercellular adhesion molecule-1 in myeloid leukemias and in lymphoproliferative disorders. Maio M, et al. **Blood** 1990 Aug 15;76(4):783–90

Induction of human thyroid cell ICAM-1 (CD54) antigen expression and ICAM-1-mediated lymphocyte binding. Martin A, et al. **Endocrinology** 1990 Aug;127(2):651–7

Binding of proteolytically-degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Chadee K, et al. **Gut** 1990 Aug; 31(8):890–5

Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. Doukas J, et al. **J Immunol** 1990 Aug 15; 145(4):1088–98

T cells bind to cytokine-activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule-1. Graber N, et al. **J Immunol** 1990 Aug 1;145(3):819–30

On the species specificity of the interaction of LFA-1 with intercellular adhesion molecules. Johnston SC, et al. **J Immunol** 1990 Aug 15;145(4):1181–7

Engagement of the monocyte surface antigen CD14 induces lymphocyte function-associated antigen-1/intercellular adhesion molecule-1-dependent homotypic adhesion. Lauener RP, et al. **J Immunol** 1990 Sep 1;145(5):1390–4

CELL DIFFERENTIATION

Complete adipose differentiation of 3T3 L1 cells in a chemically defined medium: comparison to serum-containing culture conditions. Hauner H. **Endocrinology** 1990 Aug;127(2):865–72

CELL DIVISION

Cyclosporin A exerts a cytostatic effect in vivo on human and murine epithelial cells. Ramirez-Bosca A, et al. **Cancer** 1990 Sep 1;66(5):936–40

Growth of melanocytes in human epidermal cell cultures. Staiano-Coico L, et al. **J Trauma** 1990 Aug;30(8):1037–42; discussion 1043

CELL LINE

Establishment of a human undifferentiated thyroid cancer cell line producing several growth factors and cytokines. Enomoto T, et al. **Cancer** 1990 May 1;65(9):1971–9

CELL MEMBRANE

Intracellular regulation of ion channels in cell membranes. Lewis DL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1127–43 (107 ref.)

CELL NUCLEUS

Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Verhest A, et al. **Cancer** 1990 May 1;65(9):2047–54

The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114–20

CELL TRANSFORMATION, VIRAL

Cell surface alteration in Epstein-Barr virus-transformed cells from patients with extreme insulin resistance. Gorden DL, et al. **Diabetes** 1990 Aug;39(8):924–7

Growth hormone mediates the growth of T-lymphoblast cell lines via locally generated insulin-like growth factor-I. Geffner ME, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):464–9

CELLS, CULTURED

The need for a Human Cell Organization [editorial] Moore GE. **Cancer** 1990 Aug 15;66(4):617–8

CELLULOSE

Paraplegia associated with the use of oxidized cellulose in posterolateral thoracotomy incisions [see comments] Short HD. **Ann Thorac Surg** 1990 Aug;50(2):288–9; discussion 290. Comment in: Ann Thorac Surg 1990 Aug;50(2):178.

Paraplegia associated with thoracotomy [editorial; comment] Walker WE. **Ann Thorac Surg** 1990 Aug;50(2):178. Comment on: Ann Thorac Surg 1990 Aug;50(2):288–9; discussion 290.

CENTERS FOR DISEASE CONTROL (U.S.)

CDC ponders new HIV guidelines [news] Goldsmith MF. **JAMA** 1990 Sep 5;264(9):1079

A blueprint for injury control in the United States. Viano DC. **Public Health Rep** 1990 Jul-Aug;105(4):329–33

CENTRAL NERVOUS SYSTEM

High spinal anesthesia does not depress central nervous system function as measured by central conduction time and somatosensory evoked potentials. Lang E, et al. **Anesth Analg** 1990 Aug;71(2):176–80

Pathogenesis of meningitis caused by Streptococcus suis type 2. Williams AE, et al. **J Infect Dis** 1990 Aug;162(2):474–81

CENTRAL NERVOUS SYSTEM DISEASES

Central pain [letter] Bowsher D. **BMJ** 1990 Jun 23; 300(6740):1652

Detecting subtle human CNS dysfunction: challenge for toxicologists in 1990's [editorial; comment] Becker CE, et al. **J Toxicol Clin Toxicol** 1990;28(1):vii-xi. Comment on: J Toxicol Clin Toxicol 1990;28(1):1–20. Comment on: J Toxicol Clin Toxicol 1990;28(1):21–8.

Histoplasma capsulatum infections of the central nervous system. A clinical review. Wheat LJ, et al. **Medicine (Baltimore)** 1990 Jul;69(4):244–60 (86 ref.)

CEPHALOSPORINS

Antibacterial activity of four cephalosporins in an experimental infection in relation to in vitro effect and pharmacokinetics. Mattie H, et al. **J Infect Dis** 1990 Sep; 162(3):717–22

Transferable cephalosporin resistance not inhibited by clavulanate in Escherichia coli [letter] Woodford N, et al. **Lancet** 1990 Jul 28;336(8709):253

CEREALS

Milk's effect on the bioavailability of iron from cereal-based diets in young women by use of in vitro and in vivo methods. Turnlund JR, et al. **Am J Clin Nutr** 1990 Aug; 52(2):373–8

CEREBELLAR ATAXIA

Migraine associated with focal cerebral edema, cerebrospinal fluid pleocytosis, and progressive cerebellar ataxia: MRI documentation. Goldstein JM, et al. **Neurology** 1990 Aug; 40(8):1284–7

CEREBELLAR DISEASES

A quantitative evaluation of pontine volume by computed tomography in patients with cerebellar degeneration. Chida K, et al. **Neurology** 1990 Aug;40(8):1241–5

CEREBELLAR NEOPLASMS

Medulloblastoma—prognostic factors and outcome of treatment: review of the Mayo Clinic experience. Garton GR, et al. **Mayo Clin Proc** 1990 Aug;65(8):1077–86

Late recurrence of clear-cell adenocarcinoma of the cervix: case report. Burks RT, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):525–7

CEREBELLOPONTINE ANGLE

Clinical diagnosis of anterior inferior cerebellar artery thrombosis: autopsy and temporal bone histopathologic study [letter] Benecke JE Jr. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):678

CEREBELLUM

Immunocytochemical confirmation of prion protein [letter] Clinton J, et al. **Lancet** 1990 Aug 25;336(8713):515

Antibodies to cerebellar soluble lectin in multiple sclerosis [letter] Hughes RA. **Lancet** 1990 Aug 18;336(8712):438–9

A quantitative evaluation of pontine volume by computed tomography in patients with cerebellar degeneration. Chida K, et al. **Neurology** 1990 Aug;40(8):1241–5

Unilateral duplication of the cerebellar hemisphere and internal, middle, and external ear: a clinical case study. Jackson JM, et al. **Plast Reconstr Surg** 1990 Sep;86(3):550–3

CEREBRAL ANEURYSM

In utero detection of cardiac failure from an aneurysm of the vein of Galen. Jeanty P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):50–1

Aneurysm alert [letter] Cohen MA, et al. **Ann Emerg Med** 1990 Jul;19(7):842–3

Posterior inferior to posterior inferior cerebellar artery anastomosis combined with trapping for vertebral artery aneurysm. Case report. Ausman JI, et al. **J Neurosurg** 1990 Sep;73(3):462–5

CEREBRAL ANGIOGRAPHY

Symptomatic carotid ischaemic events: safest and most cost effective way of selecting patients for angiography, before carotid endarterectomy. Hankey GJ, et al. **BMJ** 1990 Jun

9;300(6738):1485–91

CEREBRAL ARTERIES

Reproducibility of cerebral artery Doppler measurements. Moorthy B, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):700–1
Posterior inferior to posterior inferior cerebellar artery anastomosis combined with trapping for vertebral artery aneurysm. Case report. Ausman JI, et al. **J Neurosurg** 1990 Sep;73(3):462–5
Loss of the insular ribbon: another early CT sign of acute middle cerebral artery infarction. Truwit CL, et al. **Radiology** 1990 Sep;176(3):801–6

CEREBRAL ARTERIOVENOUS MALFORMATIONS

Cerebral arteriovenous malformations. A detailed morphological and immunohistochemical study using actin. Mandybur TI, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):970–3
The natural history of symptomatic arteriovenous malformations of the brain: a 24-year follow-up assessment. Ondra SL, et al. **J Neurosurg** 1990 Sep;73(3):387–91
Feeding arteries to arteriovenous malformations [letter] Parkinson D. **J Neurosurg** 1990 Sep;73(3):477–8
Hemorrhage in intracerebral arteriovenous malformations: angiographic determinants. Marks MP, et al. **Radiology** 1990 Sep;176(3):807–13
Occult cerebrovascular malformations: follow-up with MR imaging. Sigal R, et al. **Radiology** 1990 Sep;176(3):815–9

CEREBRAL ARTERY DISEASES

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233–40
Internal borderzone infarction following acute middle cerebral artery occlusion. Angeloni U, et al. **Neurology** 1990 Aug;40(8):1196–8

CEREBRAL CORTEX

11 beta-hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Moisan MP, et al. **Endocrinology** 1990 Sep;127(3):1450–5
Immunocytochemical confirmation of prion protein [letter] Clinton J, et al. **Lancet** 1990 Aug 25;336(8713):515
Dementia with beta-amyloid deposition: involvement of alpha B-crystallin supports two main diseases [letter] Lowe J, et al. **Lancet** 1990 Aug 25;336(8713):515–6
Impaired driving fitness after electrical or magnetic cortical stimulation [letter] Saltuari L, et al. **Lancet** 1990 Sep 1; 336(8714):563
Cortical-basal ganglionic degeneration. Riley DE, et al. **Neurology** 1990 Aug;40(8):1203–12
Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288–92

CEREBRAL EMBOLISM AND THROMBOSIS

Atrial fibrillation. Thromboembolic risk and indications for anticoagulation. Wipf JE, et al. **Arch Intern Med** 1990 Aug; 150(8):1598–603 (64 ref.)

CEREBRAL HEMORRHAGE

Value of sonography in the diagnosis of intracranial hemorrhage and periventricular leukomalacia: a postmortem study of 35 cases. Carson SC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):595–601
Thalamic hemorrhage imitating hyperventilation. Scialdone AM. **Ann Emerg Med** 1990 Jul;19(7):817–9
Acute vertiginous presentation of primary thalamic hemorrhage. Nagaratnam N, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1077–8
A statistical study of autopsied cases of neonatal intraventricular hemorrhage. Nakamura Y, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):966–9
Very early intracranial haemorrhage in alloimmune fetal thrombocytopenia [letter] Giovangrandi Y, et al. **Lancet** 1990 Aug 4;336(8710):310
Intracerebral hemorrhage after break dancing [letter] Lee KC, et al. **N Engl J Med** 1990 Aug 30;323(9):615–6
Intraventricular hemorrhage following amphetamine abuse. Imanse J, et al. **Neurology** 1990 Aug;40(8):1318–9
Hemorrhage in intracerebral arteriovenous malformations: angiographic determinants. Marks MP, et al. **Radiology** 1990 Sep;176(3):807–13

CEREBRAL INFARCTION

Internal borderzone infarction following acute middle cerebral artery occlusion. Angeloni U, et al. **Neurology** 1990 Aug;40(8):1196–8
Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Levine SR, et al. **Neurology** 1990 Aug;40(8):1181–9
Loss of the insular ribbon: another early CT sign of acute middle cerebral artery infarction. Truwit CL, et al. **Radiology** 1990 Sep;176(3):801–6

CEREBRAL ISCHEMIA

Relationship between cardiac output and cerebral blood flow in patients with intact and with impaired autoregulation. Bouma GJ, et al. **J Neurosurg** 1990 Sep;73(3):368–74

CEREBRAL ISCHEMIA, TRANSIENT

Rostral basilar reversible ischemic neurologic deficit in an HIV-infected patient with cryptococcal meningitis [letter] Rafal RD, et al. **Am J Med** 1990 Aug;89(2):248–9
Symptomatic carotid ischaemic events: safest and most cost effective way of selecting patients for angiography, before carotid endarterectomy. Hankey GJ, et al. **BMJ** 1990 Jun 9;300(6738):1485–91
Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190–6
Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Levine SR, et al. **Neurology** 1990 Aug;40(8):1181–9

CEREBRAL PALSY

Asphyxia and cerebral palsy [letter] Grether JK. **Am J Dis Child** 1990 Aug;144(8):852–3
Cerebral palsy and intrapartum fetal acidemia [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):266–7
Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33
Birthweight specific trends in cerebral palsy. Pharoah PO, et al. **Arch Dis Child** 1990 Jun;65(6):602–6
Growth and nutrition in children with cerebral palsy [letter] Mutch L, et al. **Lancet** 1990 Sep 1;336(8714):569–70
Use of serial casting in the management of knee joint contractures in an adolescent with cerebral palsy. Phillips WE, et al. **Phys Ther** 1990 Aug;70(8):521–3

CEREBRAL SCLEROSIS, DIFFUSE

In vivo assessment of N-acetylaspartate in brain in spongy degeneration (Canavan's disease) by proton spectroscopy [letter] Grodd W, et al. **Lancet** 1990 Aug 18; 336(8712):437–8

CEREBRAL VEINS

In utero detection of cardiac failure from an aneurysm of the vein of Galen. Jeanty P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):50–1

CEREBRAL VENTRICLE NEOPLASMS

Pigmented choroid plexus papilloma. Reimund EL, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):902–5 (8 ref.)

CEREBRAL VENTRICLES

A statistical study of autopsied cases of neonatal intraventricular hemorrhage. Nakamura Y, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):966–9
Symptomatic neuroepithelial (colloid) cysts of the third ventricle. A unique case report in nontwin brothers. Bengtson BP, et al. **Cancer** 1990 Aug 15;66(4):779–85
Cytokines act within the brain to inhibit luteinizing hormone secretion and ovulation in the rat. Rivier C, et al. **Endocrinology** 1990 Aug;127(2):849–56

CEREBRAL VENTRICULOGRAPHY

Intraventricular hemorrhage following amphetamine abuse. Imanse J, et al. **Neurology** 1990 Aug;40(8):1318–9

CEREBROSIDES

Elevated cerebroside antibody levels in human visceral and cutaneous leishmaniasis, Trypanosoma rangeli infection, and chronic Chagas' disease. Avila JL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):52–60

CEREBROVASCULAR CIRCULATION

Assessment of cerebral hemodynamics in pregnant women by internal carotid artery pulsed Doppler velocimetry. Ikeda T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):494–8
Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Karlsson BR, et al. **Anesth Analg** 1990 Aug;71(2):125–9
Cerebrovascular and cerebral metabolic effects of N2O in unrestrained rats. Baughman VL, et al. **Anesthesiology** 1990 Aug;73(2):269–72
Sufentanil does not increase cerebral blood flow in healthy human volunteers. Mayer N, et al. **Anesthesiology** 1990 Aug;73(2):240–3
Circulatory effects of fast ventilator rates in preterm infants. Fenton AC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):662–6
Relationship between cardiac output and cerebral blood flow in patients with intact and with impaired autoregulation. Bouma GJ, et al. **J Neurosurg** 1990 Sep;73(3):368–74
Impaired capillary perfusion and brain edema following experimental subarachnoid hemorrhage: a morphometric study. Johshita H, et al. **J Neurosurg** 1990 Sep;73(3):410–7
The effects of aortic crossclamping and resuscitation on intracranial pressure, cerebral blood flow, and cerebral water content in a model of focal brain injury and hemorrhagic shock. Shackford SR, et al. **J Trauma** 1990 Jul;30(7):768–74; discussion 774–5
Regional cerebral blood flow in Alzheimer's disease [letter] **Lancet** 1990 Aug 18;336(8712):450
Diabetes mellitus as a risk factor for stroke. Mortel KF, et al. **South Med J** 1990 Aug;83(8):904–11

CEREBROVASCULAR DISORDERS

Downbeat nystagmus associated with dolichoectasia of the vertebrobasilar artery [letter] Gans MS, et al. **Arch Neurol** 1990 Aug;47(8):843
Electromyographic versus rhythmic positional biofeedback in computerized gait retraining with stroke patients. Mandel AR, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):649–54
Laterality of performance in fingertapping rate and grip strength by hemisphere of stroke and gender. Robinson LM, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):695–8
Perioperative stroke risk in 173 consecutive patients with a past history of stroke. Landercasper J, et al. **Arch Surg** 1990 Aug;125(8):986–9
Throwing out the baby with the bathwater [letter] Stevens JM, et al. **Br J Surg** 1990 Jul;77(7):835
Stroke and acute myocardial infarction in the thrombolytic era: clinical correlates and long-term prognosis [see comments] O'Connor CM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):533–40. Comment in: J Am Coll Cardiol 1990 Sep;16(3):541–4.
Stroke complicating thrombolytic therapy of acute myocardial infarction [comment] Sloan MA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):541–4. Comment on: J Am Coll Cardiol 1990 Sep;16(3):533–40.
Improvement of pituitary function after surgical decompression for pituitary tumor apoplexy. Arafah BM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):323–8
Black-white differences in stroke incidence in a national sample. The contribution of hypertension and diabetes mellitus. Kittner SJ, et al. **JAMA** 1990 Sep 12; 264(10):1267–70
Prevention of stroke in atrial fibrillation [letter] **N Engl J Med** 1990 Aug 16;323(7):481–4
Cerebrovascular complications of the use of the "crack" form of alkaloidal cocaine. Levine SR, et al. **N Engl J Med** 1990 Sep 13;323(11):699–704
Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190–6
Effects of changes in stimulus contingency on visual extinction. Kaplan RF, et al. **Neurology** 1990 Aug; 40(8):1299–301
Cardiac embolism [letter] Lodder J. **Neurology** 1990 Aug; 40(8):1323
Stroke from alcohol and drug abuse. A current social peril. Gorelick PB. **Postgrad Med** 1990 Aug;88(2):171–4, 177–8 (21 ref.)
Mortality from diabetes mellitus, ischemic heart disease, and cerebrovascular disease among blacks in a higher income area. Polednak AP. **Public Health Rep** 1990 Jul–Aug; 105(4):393–9
Oropharynx in patients with cerebrovascular disease: evaluation with videofluoroscopy. Chen MY, et al. **Radiology** 1990 Sep;176(3):641–3
Cerebral abnormalities in cocaine abusers: demonstration by SPECT perfusion brain scintigraphy. Work in progress. Tumeh SS, et al. **Radiology** 1990 Sep;176(3):821–4
Diabetes mellitus as a risk factor for stroke. Mortel KF, et al. **South Med J** 1990 Aug;83(8):904–11

CERTIFICATION

Performances of U.S. osteopathic and Canadian medical school graduates on the American Board of Internal Medicine Certifying Examinations, 1984–1988. Shea JA, et al. **Acad Med** 1990 Aug;65(8):523–6
Critical care medicine certification and pulmonary disease trainees [editorial] Rogers RM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):495–6
Symposium. Certification and accreditation in orthopedic surgery. **Clin Orthop** 1990 Aug;(257):1–66
Credentialing for international fellowships. Burton RI. **Clin Orthop** 1990 Aug;(257):61–3
Recertification. One orthopedic surgeon's view. Edmonson AS. **Clin Orthop** 1990 Aug;(257):35–7
Certification and recertification. A consumer's view. Glasser MA. **Clin Orthop** 1990 Aug;(257):38–42
Recertification in orthopedics. Kettelkamp DB, et al. **Clin Orthop** 1990 Aug;(257):29–34
Medical specialty credentialing in the United States. Langsley DG. **Clin Orthop** 1990 Aug;(257):22–8
The development of orthopedic certification in the United States. Omer GE Jr. **Clin Orthop** 1990 Aug;(257):11–7
Societal trends toward accountability in the professions.

Rineberg BA. **Clin Orthop** 1990 Aug;(257):43–6
Certificates of added qualifications in orthopedic surgery. Urbaniak JR. **Clin Orthop** 1990 Aug;(257):52–6
Fifty years of the American Board of Orthopaedic Surgery. 1934 [classical article] Wickstrom JK. **Clin Orthop** 1990 Aug;(257):3–10
A piece of my mind. Paper patients. Kardassakis DG. **JAMA** 1990 Sep 12;264(10):1340

CERVICAL VERTEBRAE

Cervical prevertebral fat stripe: a normal variant simulating prevertebral hemorrhage. Lewis CA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):559–60
Radiology of the cervical spine in trauma patients: practice pitfalls and recommendations for improving efficiency and communication. Vandemark RM. **AJR Am J Roentgenol** 1990 Sep;155(3):465–72 (21 ref.)
Transcervical approaches to the prevertebral space. Carrau RL, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1070–3 (18 ref.)
Primary survey in major trauma [letter] Calder I. **BMJ** 1990 Jun 23;300(6740):1652
The type III dens fracture and its associated soft-tissue injuries: a different form of Hangman's fracture. Renwick IG. **Br J Radiol** 1990 Jun;63(750):495–6
Occlusion of the vertebral artery in cervical spine dislocations. Louw JA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):679–81
Management of cervical spine fractures [letter] Duff TA. **J Neurosurg** 1990 Sep;73(3):478–9
Occipitocervical fusion for reduction of traumatic periodontoid hypertrophic cicatrix. Case report. Lansen TA, et al. **J Neurosurg** 1990 Sep;73(3):466–70
Halo immobilization and surgical fusion: relative indications and effectiveness in the treatment of 140 cervical spine injuries. Rockswold GL, et al. **J Trauma** 1990 Jul; 30(7):893–8
Cervical fractures and spinal cord injury: outcome of surgical and nonsurgical management. Murphy KP, et al. **Mayo Clin Proc** 1990 Jul;65(7):949–59

CERVIX DYSPLASIA

Colposcopic diagnosis and treatment of cervical dysplasia at a single clinic visit. Experience of low-voltage diathermy loop in 1000 patients. Bigrigg MA, et al. **Lancet** 1990 Jul 28;336(8709):229–31

CERVIX NEOPLASMS

Trend of cervical cancer in Jewish women [letter] Ben Baruch G, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):703–4
Colposcopy in diethylstilbestrol-exposed offspring [letter] Gimbel GL. **Am J Obstet Gynecol** 1990 Aug;163(2):703
Cervical cancer: role for progesterone during pregnancy and contraception? [letter] Stendahl U, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):685–6
Screening for cervical cancer. Eddy DM. **Ann Intern Med** 1990 Aug 1;113(3):214–26 (69 ref.)
Cervical cytology. Hudson E. **BMJ** 1990 May 26; 300(6736):1353–4 (6 ref.)
Cervical cancers diagnosed after negative results on cervical cytology: perspective in the 1980s. Mitchell H, et al. **BMJ** 1990 Jun 23;300(6740):1622–6
Topical infusion of metronidazole in the radiotherapy of tumours of the uterine cervix: interim report on the 2 year survival. Balmukhanov SB, et al. **Br J Radiol** 1990 Jun; 63(750):499–500
The prognostic significance of number of positive nodes in cervical carcinoma stages IB, IIA, and IIB. Inoue T, et al. **Cancer** 1990 May 1;65(9):1923–7
Acute lymphoblastic leukemia. An unusual case of primary relapse in the uterine cervix. Zutter MM, et al. **Cancer** 1990 Sep 1;66(5):1002–4
Late recurrence of clear-cell adenocarcinoma of the cervix: case report. Burks RT, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):525–7

CERVIX UTERI

Modified laparoscopy for monitoring transcervical surgery [letter] Lin BL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):243–4
Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Manabe Y, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):52–6
Effect of intravaginal application of prostaglandin E2 gel on the mechanical properties of the ovine cervix uteri at term. Owiny JR, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):657–60
Role of hormones in cervical ripening [letter] Sert MB. **Am J Obstet Gynecol** 1990 Aug;163(2):705–7
Preventing cervical conization by achieving satisfactory colposcopy with hygroscopic cervical dilators. Stern JL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):176–7
Alterations in bladder volume and the ultrasound appearance of the cervix. Mason GC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):457–8
Nonisotopic human papillomavirus DNA typing of cervical smears obtained at the initial colposcopic examination. Duggan MA, et al. **Cancer** 1990 Aug 15;66(4):745–51
Controlled-release prostaglandin E2 pessary and cervical ripening [letter] **Lancet** 1990 Sep 1;336(8714):562
Ovarian relaxin is not essential for dilatation of cervix [letter] Eddie LW, et al. **Lancet** 1990 Jul 28;336(8709):243
Expression of epidermal growth factor receptor and HER-2/neu in normal and neoplastic cervix, vulva, and vagina. Berchuck A, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):381–7

CESAREAN SECTION

Epidural analgesia and cesarean section for dystocia [letter] Chestnut DH. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):247–9
Fetal heart rate monitoring during cesarean section [letter] Dunn LK. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):253
Vaginal birth after cesarean section: an appraisal of the reappraisal [letter] Flamm BL. **Am J Obstet Gynecol** 1990 Aug;163(2):691–2
Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33
Safe motherhood: cesarean section or symphysiotomy? van Roosmalen J. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):1–4
A comparison of the effects of omeprazole and ranitidine on gastric secretion in women undergoing elective caesarean section. Ewart MC, et al. **Anaesthesia** 1990 Jul; 45(7):527–30
Vecuronium for rapid-sequence intubation for cesarean section. Hawkins JL, et al. **Anesth Analg** 1990 Aug; 71(2):185–90
Herpes labialis in parturients receiving epidural morphine following cesarean section. Crone LA, et al. **Anesthesiology** 1990 Aug;73(2):208–13
Caesarean section and duration of breast feeding among Brazilians. Victora CG, et al. **Arch Dis Child** 1990 Jun; 65(6):632–4
Anaesthesia for emergency caesarean section. Morgan BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):420–4
The cesarean section rate [letter] **JAMA** 1990 Aug 22–29; 264(8):971
Inconsistencies in clinical decisions in obstetrics. Barrett JF, et al. **Lancet** 1990 Sep 1;336(8714):549–51
Obstetrics and technology [letter] Smith AM. **Lancet** 1990 Aug 25;336(8713):510–1
Court-ordered cesarean sections receive judicial defeat. Curran WJ. **N Engl J Med** 1990 Aug 16;323(7):489–92
Antibiotic prophylaxis for cesarean delivery: is an extended-spectrum agent necessary? Carlson C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):343–6

CHAGAS CARDIOMYOPATHY

Chagas' disease: lymphoma growth in rabbits treated with Benznidazole. Teixeira AR, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):146–58

CHEMOTACTIC FACTORS

Mechanisms underlying the anti-inflammatory effects of essential fatty acid deficiency in experimental glomerulonephritis. Inhibited release of a monocyte chemoattractant by glomeruli. Rovin BH, et al. **J Immunol** 1990 Aug 15;145(4):1238–45
IL-4 inhibits the expression of IL-8 from stimulated human monocytes. Standiford TJ, et al. **J Immunol** 1990 Sep 1; 145(5):1435–9

CHEMOTAXIS, LEUKOCYTE

Adenosine and related compounds counteract tumor necrosis factor-alpha inhibition of neutrophil migration: implication of a novel cyclic AMP-independent action on the cell surface. Sullivan GW, et al. **J Immunol** 1990 Sep 1; 145(5):1537–44
A defect in chemotaxis from interleukin-2 [letter] Schleiffenbaum B, et al. **N Engl J Med** 1990 Sep 6; 323(10):682–3

CHEST PAIN

Clinical implications of exercise-induced chest pain: comparison of patients with and without pathologic Q waves in coronary artery disease. Ozawa T, et al. **Am Heart J** 1990 Sep;120(3):550–4
Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9
Dramatic electrocardiographic T-wave changes associated with gastric dilatation. Frais MA, et al. **Chest** 1990 Aug; 98(2):489–90
Chest pain and increased CK-MB enzyme levels [clinical conference] Georgiou D, et al. **Chest** 1990 Aug;98(2):442–7
The effects of adenosine on chest pain and coronary dilation [letter] Sylvén C, et al. **Circulation** 1990 Aug;82(2):662–3
Chest pain in children. Follow-up of patients previously reported. Selbst SM, et al. **Clin Pediatr (Phila)** 1990 Jul; 29(7):374–7
Chest pain with normal coronary angiograms: is the heart innocent or guilty? [comment] Cannon RO 3d. **J Am Coll Cardiol** 1990 Sep;16(3):596–8. Comment on: J Am Coll Cardiol 1990 Sep;16(3):586–95.

CHEST TUBES

Postoperative drainage and pericardial effusion [letter] Bryan AJ, et al. **Ann Thorac Surg** 1990 Aug;50(2):330

CHICK EMBRYO

The insulin-like growth factor I (IGF-I) gene is expressed in chick embryos during early organogenesis. Serrano J, et al. **Endocrinology** 1990 Sep;127(3):1547–9

CHICKENPOX

Varicella-zoster virus disease in patients with human immunodeficiency virus infection [comment] Gulick RM, et al. **Arch Dermatol** 1990 Aug;126(8):1086–8 (14 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1033–6. Comment on: Arch Dermatol 1990 Aug;126(8):1048–50. Comment on: Arch Dermatol 1990 Aug;126(8):1105–6.
Varicella in patients infected with the human immunodeficiency virus [see comments] Perronne C, et al. **Arch Dermatol** 1990 Aug;126(8):1033–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Chickenpox and pneumothorax [letter] Barone JG, et al. **Chest** 1990 Aug;98(2):514
Subclass distribution of the serum and intrathecal IgG antibody response in varicella-zoster virus infections. Echevarría JM, et al. **J Infect Dis** 1990 Sep;162(3):621–6
A pediatrician's personal reflections on varicella [letter] Gospe SM Jr. **Pediatrics** 1990 Sep;86(3):494

CHICKENS

Chicken fat doesn't migrate [letter] Dieleman L, et al. **N Engl J Med** 1990 Sep 13;323(11):759

CHILD ABUSE

Undiagnosed abuse in children younger than 3 years with femoral fracture. Dalton HJ, et al. **Am J Dis Child** 1990 Aug;144(8):875–8
Childhood sexual and physical abuse in adult patients with borderline personality disorder. Ogata SN, et al. **Am J Psychiatry** 1990 Aug;147(8):1008–13
Ocular and associated systemic findings in suspected child abuse. A necropsy study. Elner SG, et al. **Arch Ophthalmol** 1990 Aug;108(8):1094–101
Prevalence of sexual abuse, physical abuse, and concurrent traumatic life events in a general medical population. Greenwood CL, et al. **Mayo Clin Proc** 1990 Aug; 65(8):1067–71
Education of the physician in child abuse. Alexander RC. **Pediatr Clin North Am** 1990 Aug;37(4):971–88 (31 ref.)
Substance abuse and child abuse. Impact of addiction on the child. Bays J. **Pediatr Clin North Am** 1990 Aug; 37(4):881–904 (87 ref.)
Preparation for court testimony in child abuse cases. Chadwick DL. **Pediatr Clin North Am** 1990 Aug; 37(4):955–70 (43 ref.)
Pediatrician's role in preventing child maltreatment. Dubowitz H. **Pediatr Clin North Am** 1990 Aug; 37(4):989–1002 (52 ref.)
The neglect of our children. Helfer RE. **Pediatr Clin North Am** 1990 Aug;37(4):923–42 (42 ref.)
Inflicted injury versus accidental injury. Johnson CF. **Pediatr Clin North Am** 1990 Aug;37(4):791–814 (87 ref.)
Future role of the pediatrician in child abuse and neglect. Krugman RD. **Pediatr Clin North Am** 1990 Aug; 37(4):1003–11 (33 ref.)
Radiologic imaging of inflicted injury in the child abuse syndrome. Merten DF, et al. **Pediatr Clin North Am** 1990 Aug;37(4):815–37 (50 ref.)
Pediatric interview assessment of child abuse. Challenges and opportunities. Newberger EH. **Pediatr Clin North Am** 1990 Aug;37(4):943–54 (19 ref.)
Unusual manifestations of child abuse. Reece RM. **Pediatr Clin North Am** 1990 Aug;37(4):905–21 (32 ref.)
Networking in a rural community focuses on at-risk children. Epstein MR. **Public Health Rep** 1990 Jul-Aug; 105(4):428–30

CHILD ABUSE, SEXUAL

Childhood sexual and physical abuse in adult patients with borderline personality disorder. Ogata SN, et al. **Am J Psychiatry** 1990 Aug;147(8):1008–13
Women who sexually abuse children [letter] Welldon EV. **BMJ** 1990 Jun 9;300(6738):1527–8
Prevalence of sexual abuse, physical abuse, and concurrent traumatic life events in a general medical population. Greenwood CL, et al. **Mayo Clin Proc** 1990 Aug; 65(8):1067–71
Use of the colposcope in childhood sexual abuse examinations. McCann J. **Pediatr Clin North Am** 1990 Aug; 37(4):863–80 (36 ref.)
The medical evaluation of the sexually abused child. Paradise JE. **Pediatr Clin North Am** 1990 Aug;37(4):839–62 (93 ref.)
Allegations of sexual abuse [letter] Fay RE. **Pediatrics** 1990 Sep;86(3):488–90
Genital findings in prepubertal girls selected for nonabuse: a descriptive study. McCann J, et al. **Pediatrics** 1990 Sep;

86(3):428–39
Child sexual abuse sequelae and body-image surgery. Morgan E, et al. **Plast Reconstr Surg** 1990 Sep;86(3):475–8; discussion 479–80

CHILD ADVOCACY

Religious exemptions to child neglect laws still being passed despite convictions of parents [news] Skolnick A. **JAMA** 1990 Sep 12;264(10):1226, 1229, 1233

CHILD BEHAVIOR

Pre-induction behaviour of children. A review of placebo-controlled trials of sedatives. Morgan-Hughes JO, et al. **Anaesthesia** 1990 Jun;45(6):427–35 (40 ref.)
Mental status changes in children receiving glucocorticoids. Review of the literature. Satel SL. **Clin Pediatr (Phila)** 1990 Jul;29(7):383–8 (49 ref.)

CHILD BEHAVIOR DISORDERS

Cognitive and behavioral sequelae of mild head injury in children. Bijur PE, et al. **Pediatrics** 1990 Sep;86(3):337–44
Social competence and behavior problems in premature children at school age. Ross G, et al. **Pediatrics** 1990 Sep; 86(3):391–7

CHILD CARE

Maternal employment [editorial] Graham PJ. **Arch Dis Child** 1990 Jun;65(6):565–6

CHILD DAY CARE CENTERS

Invasive disease due to multiply resistant Streptococcus pneumoniae in a Houston, Tex, day-care center. Rauch AM, et al. **Am J Dis Child** 1990 Aug;144(8):923–7
Use of tofu in preschool meals. Ashraf HR, et al. **J Am Diet Assoc** 1990 Aug;90(8):1114–6
A cluster of Edwardsiella tarda infection in a day-care center in Florida [letter] Desenclos JC, et al. **J Infect Dis** 1990 Sep;162(3):782

CHILD DEVELOPMENT

Malabsorption of carbohydrate from rice and child growth: a longitudinal study with the breath-hydrogen test in Burmese village children. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):348–52
Prediction of adult-onset schizophrenia from childhood home movies of the patients. Walker E, et al. **Am J Psychiatry** 1990 Aug;147(8):1052–6
Follow up of premature babies treated with artificial surfactant (ALEC). Morley CJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):667–9
If children are developing poorly, ask what they had for breakfast. Lechky O. **Can Med Assoc J** 1990 Aug 1; 143(3):210–3
Iron needs during rapid growth and mental development. Filer LJ Jr. **J Pediatr** 1990 Aug;117(2 Pt 2):S143–6 (23 ref.)
Growth achievement of very low birth weight premature children at school age. Ross G, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):307–9
Children who walk late [editorial] **Lancet** 1990 Sep 1; 336(8714):540–1

CHILD HEALTH SERVICES

Response to the presidential address: Our children: our future. Benedek EP. **Am J Psychiatry** 1990 Sep; 147(9):1120–5
Health for all children [letter] **Arch Dis Child** 1990 Jul; 65(7):812–3
Children's services in the new NHS—a struggle for survival? Appleyard WJ. **Arch Dis Child** 1990 Jun;65(6):635–7
Child health surveillance. Bain J. **BMJ** 1990 May 26; 300(6736):1381–2
The ABCs of health supervision. Introducing medical students to the outpatient department. Widome MD. **Clin Pediatr (Phila)** 1990 Jul;29(7):418–20

CHILD NUTRITION

Undernourished children [letter] Bomgaars MR. **Am Fam Physician** 1990 Aug;42(2):315
Universal cholesterol screening of children could do more harm than good, MD contends. **Can Med Assoc J** 1990 Aug 1;143(3):211
If children are developing poorly, ask what they had for breakfast. Lechky O. **Can Med Assoc J** 1990 Aug 1; 143(3):210–3
Use of tofu in preschool meals. Ashraf HR, et al. **J Am Diet Assoc** 1990 Aug;90(8):1114–6
Trace minerals in the nutrition of children. Milner JA. **J Pediatr** 1990 Aug;117(2 Pt 2):S147–55 (70 ref.)

CHILD PSYCHIATRY

The coming crisis in funding child psychiatry training. McKelvey RS. **Am J Psychiatry** 1990 Sep;147(9):1220–4

CHILD PSYCHOLOGY

Feeding behavior of 6- to 12-month-old infants: assessment and sources of parental information. Pridham KF. **J Pediatr** 1990 Aug;117(2 Pt 2):S174–80

CHILD WELFARE

Response to the presidential address: Our children: our future. Benedek EP. **Am J Psychiatry** 1990 Sep; 147(9):1120–5

CHIROPRACTIC

Low back pain: comparison of chiropractic and hospital outpatient treatment [letter] **BMJ** 1990 Jun 23; 300(6740):1647–50
Low back pain of mechanical origin: randomised comparison of chiropractic and hospital outpatient treatment. Meade TW, et al. **BMJ** 1990 Jun 2;300(6737):1431–7
Chiropractors and low back pain [letter] **Lancet** 1990 Sep 1;336(8714):572–3
Chiropracters and low back pain [editorial] **Lancet** 1990 Jul 28;336(8709):220

CHLAMYDIA

A sensitive cell line, HL cells, for isolation and propagation of Chlamydia pneumoniae strain TWAR. Kuo CC, et al. **J Infect Dis** 1990 Sep;162(3):755–8

CHLAMYDIA INFECTIONS

Acute hypoxemic respiratory failure caused by Chlamydia trachomatis and diagnosed by flexible bronchoscopy. Wheeler WB, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):471–3
The role of Neisseria gonorrhoeae and Chlamydia trachomatis in pelvic inflammatory disease and its sequelae in Zimbabwe. De Muylder X, et al. **J Infect Dis** 1990 Aug; 162(2):501–5
Chlamydia trachomatis infections in adolescents. Bell TA. **Med Clin North Am** 1990 Sep;74(5):1225–33 (59 ref.)
Isolation of Chlamydia trachomatis from amniotic fluid. Thomas GB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):519–20

CHLAMYDIA TRACHOMATIS

Isolation of Chlamydia trachomatis from amniotic fluid. Thomas GB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):519–20

CHLORAMPHENICOL

Multiresistant Salmonella typhi in India [letter] **Lancet** 1990 Jul 28;336(8709):252

CHLORIDES

The functional rectal bladder—prevention of hyperchloremic acidosis following vesico-sigmoidostomy in dogs. Miller K, et al. **J Urol** 1990 Aug;144(2 Pt 1):375–80

CHLOROFORM

Plasma chloroform concentrations in swimmers using indoor swimming pools. Aggazzotti G, et al. **Arch Environ Health** 1990 May-Jun;45(3):175–9

CHLORPROPAMIDE

Pseudoinsulinoma—the Diamox-Diabinese switch [letter] Hooper PL, et al. **N Engl J Med** 1990 Aug 16;323(7):488

CHOANAL ATRESIA

Bilateral choanal atresia: key to success with the transnasal approach. Singh B. **J Laryngol Otol** 1990 Jun;104(6):482–4

CHOICE BEHAVIOR

Life after residency. Setting priorities in pediatric professional life. Boyce WT. **Am J Dis Child** 1990 Aug;144(8):858–60

CHOLANGIOGRAPHY

Cholangiographic appearance simulating sclerosing cholangitis in metastatic adenocarcinoma of the liver. Vilgrain V, et al. **Gastroenterology** 1990 Sep;99(3):850–3
A cholangiographic clamp as an aid in the performance of operative cholangiography. Lazarus HM. **Surg Gynecol Obstet** 1990 Aug;171(2):154–6

CHOLANGIOMA

Truncoumbilical bypass of the portal vein in radical resection of biliary tract tumour involving the hepatic duct confluence. Kumada K, et al. **Br J Surg** 1990 Jul; 77(7):749–51

CHOLANGIOPANCREATOGRAPHY, ENDOSCOPIC RETROGRADE

Pancreatitis after endoscopic retrograde cholangiopancreatography. An underreported disease whose severity is often unappreciated. Stanten R, et al. **Arch Surg** 1990 Aug;125(8):1032–4; discussion 1035
Cholangiographic appearance simulating sclerosing cholangitis in metastatic adenocarcinoma of the liver. Vilgrain V, et al. **Gastroenterology** 1990 Sep;99(3):850–3

CHOLANGITIS

Oriental cholangiohepatitis: sonographic findings in 48 cases. Lim JH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):511–4
Management of severe acute cholangitis. Lai EC. **Br J Surg** 1990 Jun;77(6):604–5 (7 ref.)

CHOLANGITIS, SCLEROSING

Sclerosing cholangitis induced by formaldehyde solution injected into the biliary tree of rats. Houry S, et al. **Arch Surg** 1990 Aug;125(8):1059–61
Cholangiographic appearance simulating sclerosing cholangitis in metastatic adenocarcinoma of the liver. Vilgrain V, et al. **Gastroenterology** 1990 Sep;99(3):850–3
Bile duct antibodies crossreacting with blood group antigens in primary sclerosing cholangitis. Jeffrey GP, et al. **Gut** 1990 Jun;31(6):698–701

CHOLECALCIFEROLS

Cutaneous formation of vitamin D in psoriasis [letter] Matsuoka LY, et al. **Arch Dermatol** 1990 Aug;126(8):1107–8
Suntanning and cutaneous synthesis of vitamin D3. Matsuoka LY, et al. **J Lab Clin Med** 1990 Jul;116(1):87–90

CHOLECYSTECTOMY

Iatrogenic injury to the bile duct. Who, how, where? Moossa AR, et al. **Arch Surg** 1990 Aug;125(8):1028–30; discussion 1030–1
Elective abdominal surgery depresses muscle protein synthesis and increases subjective fatigue: effects lasting more than 30 days. Petersson B, et al. **Br J Surg** 1990 Jul; 77(7):796–800
Operative strategy in Mirizzi syndrome. Dewar G, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):157–9
A cholangiographic clamp as an aid in the performance of operative cholangiography. Lazarus HM. **Surg Gynecol Obstet** 1990 Aug;171(2):154–6

CHOLECYSTITIS

Prompt diagnosis of acute cholecystitis in the critically ill [letter] Goldfarb R, et al. **Am J Surg** 1990 Aug;160(2):235
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33-1990. A 72-year-old Chinese woman with recent abdominal pain and a right-sided abdominal mass. **N Engl J Med** 1990 Aug 16; 323(7):467–75
Ablation of the cystic duct and gallbladder: clinical observations. Becker CD, et al. **Radiology** 1990 Sep; 176(3):687–90
Morphine cholescintigraphy. Flancbaum L, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):227–32

CHOLECYSTOKININ

Cholecystokinin is not a major hormonal regulator of lower esophageal sphincter pressure. Brazer SR, et al. **Gastroenterology** 1990 Sep;99(3):641–5
Regulation of plasma cholecystokinin levels by bile and bile acids in the rat. Ohta H, et al. **Gastroenterology** 1990 Sep; 99(3):819–25
Low immunoreactivity of canine cholecystokinin-58. Turkelson CM, et al. **Gastroenterology** 1990 Sep; 99(3):646–51
Effects of ursodeoxycholic acid on gallbladder contraction and cholecystokinin release in gallstone patients and normal subjects. van Erpecum KJ, et al. **Gastroenterology** 1990 Sep;99(3):836–42
Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Evers BM, et al. **Surgery** 1990 Aug;108(2):248–52; discussion 252–3

CHOLECYSTOSTOMY

Novel nitinol basket instrument for percutaneous cholecystolithotomy. Cope C. **AJR Am J Roentgenol** 1990 Sep;155(3):515–6
Ablation of the cystic duct and gallbladder: clinical observations. Becker CD, et al. **Radiology** 1990 Sep; 176(3):687–90

CHOLEDOCHAL CYST

Congenital biliary dilatation: a spectrum of disease detailed by ultrasound. Young W, et al. **Br J Radiol** 1990 May; 63(749):333–6
Complementary use of Doppler sonography and delayed right lateral scintigraphy for the diagnosis of choledochal cysts. Parvey HR, et al. **South Med J** 1990 Aug;83(8):970–2

(6 ref.)

CHOLELITHIASIS

Novel nitinol basket instrument for percutaneous cholecystolithotomy. Cope C. **AJR Am J Roentgenol** 1990 Sep;155(3):515–6

Oriental cholangiohepatitis: sonographic findings in 48 cases. Lim JH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):511–4

Gallstone extracorporeal shock-wave lithotripsy: time and treatment considerations [letter] Nijs HG, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):655–6

Management of the Mirizzi syndrome and the surgical implications of cholecystcholedochal fistula. Baer HU, et al. **Br J Surg** 1990 Jul;77(7):743–5

Gallstone ileus. Clavien PA, et al. **Br J Surg** 1990 Jul; 77(7):737–42 (42 ref.)

Serum lipids and gallstones: a case-control study. Thijs C, et al. **Gastroenterology** 1990 Sep;99(3):843–9

Effects of ursodeoxycholic acid on gallbladder contraction and cholecystokinin release in gallstone patients and normal subjects. van Erpecum KJ, et al. **Gastroenterology** 1990 Sep;99(3):836–42

Gall stone dissolution with methyl tert-butyl ether: how to avoid complications. Hellstern A, et al. **Gut** 1990 Aug; 31(8):922–5

Operative strategy in Mirizzi syndrome. Dewar G, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):157–9

CHOLERA

Randomised double blind trial of single dose doxycycline for treating cholera in adults. Alam AN, et al. **BMJ** 1990 Jun 23;300(6740):1619–21

From the National Institute of Allergy and Infectious Diseases. Summary of the 25th United States-Japan Joint Conference on cholera and related diarrheal diseases. Spriggs DR, et al. **J Infect Dis** 1990 Sep;162(3):584–90

CHOLERA TOXIN

Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949–56

CHOLERA VACCINE

Symptoms of reactogenicity in field trial of oral cholera vaccine [letter] Markman B. **Lancet** 1990 Aug 4; 336(8710):320

CHOLESTANOLS

Focal toxicity of oxysterols in vascular smooth muscle cell culture. A model of the atherosclerotic core region. Guyton JR, et al. **Am J Pathol** 1990 Aug;137(2):425–34

CHOLESTASIS

Prevention of postoperative complications in jaundiced rats. Internal biliary drainage versus oral lactulose. Greve JW, et al. **Ann Surg** 1990 Aug;212(2):221–7

Reduced water and sodium intakes associated with high levels of natriuretic factor following common bile duct ligation in the rabbit. Oms L, et al. **Br J Surg** 1990 Jul; 77(7):752–5

Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Cavanzo FJ, et al. **Gastroenterology** 1990 Sep;99(3):854–6

Effects of ursodeoxycholic acid treatment on nutrition and liver function in patients with cystic fibrosis and longstanding cholestasis. Cotting J, et al. **Gut** 1990 Aug; 31(8):918–21

Tumour necrosis factor, cholestatic jaundice, and chronic liver disease. Jones A, et al. **Gut** 1990 Aug;31(8):938–9

The pathogenesis of cholestasis. Zimniak P, et al. **Hosp Pract [Off]** 1990 Aug 15;25(8):107–11, 114–8, 123–5 (7 ref.)

Operative strategy in Mirizzi syndrome. Dewar G, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):157–9

Development and reversal of endotoxemia and endotoxin-related death in obstructive jaundice. Diamond T, et al. **Surgery** 1990 Aug;108(2):370–4; discussion 374–5

Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system. O'Neill P, et al. **Surgery** 1990 Aug;108(2):356–62

CHOLESTASIS, INTRAHEPATIC

Cutaneous photosensitivity and coproporphyrin abnormalities in the Alagille syndrome. Poh-Fitzpatrick MB, et al. **Gastroenterology** 1990 Sep;99(3):831–5

CHOLESTEROL

A cholesterol screening and health assessment of medical students. Girard J, et al. **Acad Med** 1990 Jun;65(6):422

Lipid abnormalities and diuretics [letter] Feeman WE Jr. **Am Fam Physician** 1990 Aug;42(2):315, 318, 321–4

Lipoprotein degradation and cholesterol esterification in primary cell cultures of rabbit atherosclerotic lesions. Jaakkola O, et al. **Am J Pathol** 1990 Aug;137(2):457–65

Walking and serum cholesterol in adults. Tucker LA, et al. **Am J Public Health** 1990 Sep;80(9):1111–3

Cholesterol granuloma presenting in the ear canal. Matt BH, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):672–3

Within-person fluctuations of serum cholesterol and lipoproteins [see comments] Mogadam M, et al. **Arch Intern Med** 1990 Aug;150(8):1645–8. Comment in: Arch Intern Med 1990 Aug;150(8):1583–5.

Formulas predicting the percentile of serum cholesterol levels by age in adults. Chung SJ. **Arch Pathol Lab Med** 1990 Aug;114(8):869–75

Effectiveness and hazards of case finding for a high cholesterol concentration. Kinlay S, et al. **BMJ** 1990 Jun 16;300(6739):1545–7

Gallbladder cholesterolosis: an aetiological factor in acute pancreatitis of uncertain origin. Parrilla Paricio P, et al. **Br J Surg** 1990 Jul;77(7):735–6

Universal cholesterol screening of children could do more harm than good, MD contends. **Can Med Assoc J** 1990 Aug 1;143(3):211

Effects of the ACAT inhibitor CL 277,082 on cholesterol metabolism in humans. Harris WS, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):189–94

Generation of regulatory oxysterols: 26-hydroxylation of cholesterol by ovarian mitochondria. Rennert H, et al. **Endocrinology** 1990 Aug;127(2):738–46

Cholesterol absorption by the gall bladder. Ross PE, et al. **J Clin Pathol** 1990 Jul;43(7):572–5

Cholesterol measurement and treatment in community practices. Hudson JW, et al. **J Fam Pract** 1990 Aug; 31(2):139–44

Portable cholesterol analyzers [letter] **JAMA** 1990 Sep 5; 264(9):1101–3

Relation between serum cholesterol and diabetic nephropathy [letter] Olczak SA. **Lancet** 1990 Jul 28;336(8709):254

Trans monounsaturated fatty acids and serum cholesterol levels [editorial; comment] Grundy SM. **N Engl J Med** 1990 Aug 16;323(7):480–1. Comment on: N Engl J Med 1990 Aug 16;323(7):439–45.

A church-based cholesterol education program. Wiist WH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):381–8

CHOLESTEROL ACYLTRANSFERASE

Effects of the ACAT inhibitor CL 277,082 on cholesterol metabolism in humans. Harris WS, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):189–94

CHOLESTEROL DESMOLASE

The biosynthesis of cholesterol side-chain cleavage cytochrome P-450 in the rabbit corpus luteum depends upon estrogen. Keyes PL, et al. **Endocrinology** 1990 Sep; 127(3):1186–93

CHOLESTYRAMINE

Pharmacokinetics and pharmacodynamics of pravastatin alone and with cholestyramine in hypercholesterolemia. Pan HY, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):201–7

CHOLINERGIC FIBERS

Adaptation of cholinergic enteric neuromuscular transmission in diabetic rat small intestine. Nowak TV, et al. **Diabetes** 1990 Aug;39(8):891–7

CHONDRODYSPLASIA PUNCTATA

Prenatal diagnosis of chondrodysplasia punctata by sonography. Duff P, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):497–500

CHONDROITINASES

Microvascular effects of chondroitinase ABC and chymopapain. An in vivo experimental study on hamsters and rabbits. Olmarker K, et al. **Clin Orthop** 1990 Aug; (257):274–9

CHONDROMATOSIS, SYNOVIAL

The role of arthroscopy in the management of synovial chondromatosis of the shoulder. A case report. Richman JD, et al. **Clin Orthop** 1990 Aug;(257):91–3

CHONDROSARCOMA

Mesenchymal chondrosarcoma. An immunohistochemical study. Swanson PE, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):943–8

The subtemporal and preauricular infratemporal approach to intradural structures ventral to the brain stem. Sen CN, et al. **J Neurosurg** 1990 Sep;73(3):345–54

CHORDOMA

Chordomas with malignant spindle cell components. A DNA flow cytometric and immunohistochemical study with histogenetic implications. Hruban RH, et al. **Am J Pathol** 1990 Aug;137(2):435–47

The subtemporal and preauricular infratemporal approach to intradural structures ventral to the brain stem. Sen CN, et al. **J Neurosurg** 1990 Sep;73(3):345–54

CHORIOAMNIONITIS

Intrapartum asphyxia in pregnancies complicated by intra-amniotic infection. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):351–4

Histologic chorioamnionitis, microbial infection, and prematurity. Zlatnik FJ, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):355–9

CHORIOCARCINOMA

Epidermal growth factor (EGF) receptors in human chorionic gonadotropin-producing tumor: transplantation in nude mice and the effect of EGF on tumor growth. Miyachi Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):329–34

Markedly elevated maternal serum alpha-fetoprotein associated with a normal fetus and choriocarcinoma of the placenta. Ollendorff DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):494–7

CHORIONIC VILLI

Early recurrent miscarriage: histology of conception products. Houwert-de Jong MH, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):533–5

CHORISTOMA

Renal tissue within the adrenal gland simulating an adrenal mass [letter] Barr RG, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):656

A lingual thyroid cyst complicating a foreign body in the oesophagus. Harris WE. **J Laryngol Otol** 1990 Jun; 104(6):508–10

Primary adenocarcinoma of the breast arising in the vulva. Rose PG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):537–9 (8 ref.)

CHOROID NEOPLASMS

Treatment of choroidal melanoma: MR imaging in the assessment of radioactive plaque position. Hanna SL, et al. **Radiology** 1990 Sep;176(3):851–3

CHOROID PLEXUS

Pigmented choroid plexus papilloma. Reimund EL, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):902–5 (8 ref.)

CHOROIDITIS

Pneumocystis carinii choroiditis after long-term aerosolized pentamidine therapy. Dugel PU, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):113–7

CHRISTIAN SCIENCE

Religious exemptions to child neglect laws still being passed despite convictions of parents [news] Skolnick A. **JAMA** 1990 Sep 12;264(10):1226, 1229, 1233

CHRISTIANITY

Induction chemotherapy in Jehovah's Witnesses with leukaemia [letter] Hargis JB, et al. **Lancet** 1990 Sep 1; 336(8714):563–4

CHROMAFFIN SYSTEM

Enhanced hyperplasia of gastric enterochromaffinlike cells in response to omeprazole-evoked hypergastrinemia in rats with portacaval shunts. An immunocytochemical and chemical study. Axelson J, et al. **Gastroenterology** 1990 Sep; 99(3):635–40

NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. Kordower JH, et al. **J Neurosurg** 1990 Sep;73(3):418–28

CHROMIUM

We need more family physicians like Dr. S. Siwek J. **Am Fam Physician** 1990 Aug;42(2):299

CHROMOSOME ABERRATIONS

Cytogenetic damage in operation theatre personnel. Natarajan D, et al. **Anaesthesia** 1990 Jul;45(7):574–7

Angiotrophic lymphoma. Presentation in uterine vessels with cytogenetic studies. Davey DD, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):879–82

Chromosomal breakpoints within the first intron of the ABL gene are nonrandom in patients with chronic myelogenous leukemia. Jiang XY, et al. **Blood** 1990 Aug 1;76(3):597–601

Prognostic subgroups in B-cell chronic lymphocytic leukemia defined by specific chromosomal abnormalities. Juliusson G, et al. **N Engl J Med** 1990 Sep 13;323(11):720–4

CHROMOSOME ABNORMALITIES

A cell culture, chromosomal and quantitative DNA analysis of a metastatic epithelioid sarcoma. Deletion 1p, a possible primary chromosomal abnormality in epithelioid sarcoma. Stenman G, et al. **Cancer** 1990 May 1;65(9):2006–13

Uniparental isodisomy 6 associated with deficiency of the fourth component of complement. Welch TR, et al. **J Clin Invest** 1990 Aug;86(2):675–8

Perinatal characteristics of the phenotypically and chromosomally abnormal live-born. Treadwell MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):378–80

Self-limited neonatal familial hyperparathyroidism associated with hypercalciuria and renal tubular acidosis in three siblings. Nishiyama S, et al. **Pediatrics** 1990 Sep;86(3):421–7

CHROMOSOME DELETION

RFLP and deletion analysis for X-linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Pelham A, et al. **Blood** 1990 Aug 15;76(4):820–4

A cell culture, chromosomal and quantitative DNA analysis of a metastatic epithelioid sarcoma. Deletion 1p, a possible primary chromosomal abnormality in epithelioid sarcoma. Stenman G, et al. **Cancer** 1990 May 1;65(9):2006–13

A simple assay for the screening of the cystic fibrosis allele in carriers of the Phe508 deletion mutation. Chong GL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1072–6

mtDNA deletions in Kearns-Sayre [letter] Johns DR. **Neurology** 1990 Aug;40(8):1322–3

CHROMOSOME MAPPING

Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352–61

Genetic variability at the human tumor necrosis factor loci. Webb GC, et al. **J Immunol** 1990 Aug 15;145(4):1278–85

Spinal muscular atrophies. **Lancet** 1990 Aug 4; 336(8710):280–1 (5 ref.)

Mapping of acute (type I) spinal muscular atrophy to chromosome 5q12–q14. The French Spinal Muscular Atrophy Investigators. Melki J, et al. **Lancet** 1990 Aug 4;336(8710):271–3

Possible locus for polycystic kidney disease on chromosome 2 [letter] Nørby S, et al. **Lancet** 1990 Aug 4;336(8710):323–4

The mapping and sequencing of the human genome. Antonarakis SE. **South Med J** 1990 Aug;83(8):876–8

CHROMOSOMES, HUMAN, PAIR 2

Possible locus for polycystic kidney disease on chromosome 2 [letter] Nørby S, et al. **Lancet** 1990 Aug 4;336(8710):323–4

CHROMOSOMES, HUMAN, PAIR 5

Spinal muscular atrophies. **Lancet** 1990 Aug 4; 336(8710):280–1 (5 ref.)

Mapping of acute (type I) spinal muscular atrophy to chromosome 5q12–q14. The French Spinal Muscular Atrophy Investigators. Melki J, et al. **Lancet** 1990 Aug 4;336(8710):271–3

Acute lymphoblastic leukemia with eosinophilia. Fishel RS, et al. **Medicine (Baltimore)** 1990 Jul;69(4):232–43

CHROMOSOMES, HUMAN, PAIR 6

Uniparental isodisomy 6 associated with deficiency of the fourth component of complement. Welch TR, et al. **J Clin Invest** 1990 Aug;86(2):675–8

CHROMOSOMES, HUMAN, PAIR 11

Genetic abnormalities in sporadic parathyroid adenomas. Friedman E, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):293–7

CHROMOSOMES, HUMAN, PAIR 14

Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation. Pezzella F, et al. **Am J Pathol** 1990 Aug;137(2):225–32

CHROMOSOMES, HUMAN, PAIR 18

Growth of linear parameters in trisomy 18 fetuses. Droste S, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):158–61

Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation. Pezzella F, et al. **Am J Pathol** 1990 Aug;137(2):225–32

CHROMOSOMES, HUMAN, PAIR 22

Genotyping of poor metabolisers of debrisoquine by allele-specific PCR amplification. Heim M, et al. **Lancet** 1990 Sep 1;336(8714):529–32

CHRONIC DISEASE

Life beyond pediatrics. Transition of chronically ill adolescents from pediatric to adult health care systems. Schidlow DV, et al. **Med Clin North Am** 1990 Sep; 74(5):1113–20 (13 ref.)

CHURG-STRAUSS SYNDROME

Churg-Strauss pulmonary vasculitis. High-resolution computed tomography scanning and pathologic findings. Buschman DL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):458–61

The American College of Rheumatology 1990 criteria for the classification of Churg-Strauss syndrome (allergic granulomatosis and angiitis). Masi AT, et al. **Arthritis Rheum** 1990 Aug;33(8):1094–100

CHYLE

Experiences in the treatment of chyluria in Taiwan. Tan LB, et al. **J Urol** 1990 Sep;144(3):710–3

Treatment of intractable chyluria by stripping of the kidneys [letter] Pool MO, et al. **N Engl J Med** 1990 Aug 23; 323(8):552–3

CICATRIX

Occipitocervical fusion for reduction of traumatic periodontoid hypertrophic cicatrix. Case report. Lansen TA, et al. **J Neurosurg** 1990 Sep;73(3):466–70

CILIARY BODY

Experimental use of semiconductor diode laser in contact transscleral cyclophotocoagulation in rabbits. Schuman JS, et al. **Arch Ophthalmol** 1990 Aug;108(8):1152–7

Marrow embolus to posterior ciliary vessel. Kalina PH, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):979–80

CIMETIDINE

Cimetidine in eosinophilic fasciitis [letter] Herson S, et al. **Ann Intern Med** 1990 Sep 1;113(5):412–3

Single and multiple doses of oral cimetidine do not change liver blood flow in humans. Bauer LA, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):195–200

Cimetidine reduces running-associated gastrointestinal bleeding. A prospective observation. Baska RS, et al. **Dig Dis Sci** 1990 Aug;35(8):956–60

Cimetidine and omeprazole have different effects on hepatic extraction of lidocaine in rats. Bruck R, et al. **Gastroenterology** 1990 Sep;99(3):857–9

Efficacy of different doses of cimetidine in the treatment of reflux esophagitis. A review of three large, double-blind, controlled trials. Tytgat GN, et al. **Gastroenterology** 1990 Sep;99(3):629–34

CINNAMATES

Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. Oldenburg JB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1142–4

CIPROFLOXACIN

Disseminated Mycobacterium fortuitum successfully treated with combination therapy including ciprofloxacin. Burns DN, et al. **Am Rev Respir Dis** 1990 Aug;142(2):468–70

Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Chiu J, et al. **Ann Intern Med** 1990 Sep 1; 113(5):358–61

Lobular panniculitis associated with ciprofloxacin. Rodríguez E, et al. **BMJ** 1990 Jun 2;300(6737):1468

Therapy for shigellosis. II. Randomized, double-blind comparison of ciprofloxacin and ampicillin. Bennish ML, et al. **J Infect Dis** 1990 Sep;162(3):711–6

Concentration of ofloxacin and ciprofloxacin in human semen following a single oral dose. Berger SA, et al. **J Urol** 1990 Sep;144(3):683–4

Allergic nephropathy associated with ciprofloxacin. Rastogi S, et al. **Mayo Clin Proc** 1990 Jul;65(7):987–9

Ciprofloxacin in a case of Q fever endocarditis [letter] Yebra M, et al. **N Engl J Med** 1990 Aug 30;323(9):614

CIRCADIAN RHYTHM

Circadian rhythms in cardiovascular disease. Quyyumi AA. **Am Heart J** 1990 Sep;120(3):726–33

Alteration of 24-hour rhythms in myometrial activity in the chronically catheterized pregnant rhesus monkey after a 6-hour shift in the light-dark cycle. Figueroa JP, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):648–54

Ambulatory 24-hr pH monitoring of esophagus, fundus, and antrum. A new technique for simultaneous study of gastroesophageal and duodenogastric reflux. Mattioli S, et al. **Dig Dis Sci** 1990 Aug;35(8):929–38

Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Steinetz BG, et al. **Endocrinology** 1990 Sep;127(3):1057–63

The pathophysiologic role of nocturnal acid secretion in gastric ulcers [letter] Savarino V, et al. **Gastroenterology** 1990 Sep;99(3):901–2

Acute clonidine administration potentiates spontaneous diurnal, but not nocturnal, growth hormone secretion in normal short children. Ghigo E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):433–5

Circadian and seasonal variation in human preovulatory follicular fluid melatonin concentration. Rönnberg L, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):492–6

Amplitude, but not frequency, modulation of adrenocorticotropin secretory bursts gives rise to the nyctohemeral rhythm of the corticotropic axis in man. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):452–63

CIRCUMCISION

An argument for circumcision. Prevention of balanitis in the adult. Fakjian N, et al. **Arch Dermatol** 1990 Aug; 126(8):1046–7

Is routine circumcision indicated in the newborn? An affirmative view. Roberts JA. **J Fam Pract** 1990 Aug; 31(2):185–8

Is routine circumcision indicated in the newborn? An opposing view. Thompson RS. **J Fam Pract** 1990 Aug; 31(2):189–96

CISPLATIN

Autonomic neuropathy after cisplatin based chemotherapy [letter] Richardson P, et al. **BMJ** 1990 Jun 2; 300(6737):1466–7

Pediatric osteosarcoma. Successful retreatment of relapsed primary tumor and soft tissue recurrence with intraarterial cis-diamminedichloroplatin-II. Epelman S, et al. **Cancer** 1990 Aug 15;66(4):801–5

A phase II study of cisplatin and continuous infusion of vindesine in metastatic head and neck squamous cell cancer. Tellez-Bernal E, et al. **Cancer** 1990 Aug 15;66(4):640–4

CITRATES

Rate and concentration dependence of parathyroid hormone dynamics during stepwise changes in serum ionized calcium in normal humans. Grant FD, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):370–8

CITRUS FRUITS

Nutrient content and nutrition labeling of several processed Florida citrus juice products. Fellers PJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1079–84

CLAVULANIC ACIDS

Hepatitis and augmentin [letter] Reddy KR, et al. **Dig Dis Sci** 1990 Aug;35(8):1045–6

Transferable cephalosporin resistance not inhibited by clavulanate in Escherichia coli [letter] Woodford N, et al. **Lancet** 1990 Jul 28;336(8709):253

CLEFT LIP

Pneumatization of the paranasal sinuses (maxillary and frontal) in cleft lip and palate. Francis P, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):920–2

CLEFT PALATE

Pneumatization of the paranasal sinuses (maxillary and frontal) in cleft lip and palate. Francis P, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):920–2

Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. Panter KE, et al. **J Toxicol Clin Toxicol** 1990;28(1):69–83

CLIMACTERIC

Depression and the menopause [letter] Studd JW, et al. **BMJ** 1990 Jun 23;300(6740):1653

CLINDAMYCIN

Successful therapy for Toxoplasma gondii myocarditis in acquired immunodeficiency syndrome. Grange F, et al. **Am Heart J** 1990 Aug;120(2):443–4

Clindamycin dosage scheduling for acute pelvic infection [letter] Chatwani A, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):240

Bacterial vaginosis: diagnostic and pathogenetic findings during topical clindamycin therapy. Livengood CH 3d, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):515–20

Microbiologic efficacy of intravaginal clindamycin cream for the treatment of bacterial vaginosis. Hillier S, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):407–13

CLINICAL COMPETENCE

Predictive validity of a national examination for medical graduates in the People's Republic of China. Liu BX, et al. **Acad Med** 1990 Aug;65(8):505–11

Evaluating the clinical skills of foreign medical school graduates participating in an internship preparation program. Rothman AI, et al. **Acad Med** 1990 Jun; 65(6):391–5

Performances of U.S. osteopathic and Canadian medical school graduates on the American Board of Internal

Medicine Certifying Examinations, 1984–1988. Shea JA, et al. **Acad Med** 1990 Aug;65(8):523–6
Procedural skills of practicing nephrologists. A national survey of 700 members of the American College of Physicians. Tape TG, et al. **Ann Intern Med** 1990 Sep 1; 113(5):392–7
Certification and recertification. A consumer's view. Glasser MA. **Clin Orthop** 1990 Aug;(257):38–42
Standardized testing of patient management skills. A computer-based method. Volle RL. **Clin Orthop** 1990 Aug; (257):47–51
From the Health Resources and Services Administration. Harmon RG. **JAMA** 1990 Aug 22–29;264(8):945
Physical diagnosis and the nonexpert physician [letter] Spurlock BW. **West J Med** 1990 Jul;153(1):87

CLINICAL PROTOCOLS

Rationale and protocol for postoperative anterior cruciate ligament rehabilitation. Podesta L, et al. **Clin Orthop** 1990 Aug;(257):262–73 (94 ref.)
The hospital trauma team: a model for trauma management. Deane SA, et al. **J Trauma** 1990 Jul;30(7):806–12

CLINICAL TRIALS

Informed consent: an unresolved issue [letter] Runge JW. **Ann Emerg Med** 1990 Jul;19(7):841
Type 3 and type 4 errors in the statistical evaluation of clinical trials. Robin ED, et al. **Chest** 1990 Aug;98(2):463–5
Ethical implications of rejecting patients for clinical trials [letter] **JAMA** 1990 Aug 22–29;264(8):973–4

CLOACA

Cloacal exstrophy reconstruction for urinary continence. Mitchell ME, et al. **J Urol** 1990 Aug;144(2 Pt 2):554–8; discussion 562–3
Genital outflow tract obstruction in an adolescent with cloacal exstrophy. Visnesky PM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):548–51

CLONIDINE

Clonidine poisoning in children [letter] Wedin GP, et al. **Am J Dis Child** 1990 Aug;144(8):853–4
Effects of clonidine on breathing movements and electrocortical activity in the fetal lamb. Bamford OS, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):661–8
Comparison of epidural sufentanil plus clonidine with sufentanil alone for postoperative pain relief. Vercauteren M, et al. **Anaesthesia** 1990 Jul;45(7):531–4
Acute clonidine administration potentiates spontaneous diurnal, but not nocturnal, growth hormone secretion in normal short children. Ghigo E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):433–5

CLONORCHIASIS

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 33–1990. A 72-year-old Chinese woman with recent abdominal pain and a right-sided abdominal mass. **N Engl J Med** 1990 Aug 16; 323(7):467–75

CLOSTRIDIOPEPTIDASE A

Changes in active and latent collagenase in human placenta around the time of parturition. Rajabi MR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):499–505
Pulmonary disease progress in sarcoid patients with and without bronchoalveolar lavage collagenase. Ward K, et al. **Am Rev Respir Dis** 1990 Sep;142(3):636–41

CLOSTRIDIUM INFECTIONS

Clostridium difficile infection in orthopaedic patients. Clarke HJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1056–9
Risk factors for Clostridium difficile carriage and C. difficile-associated diarrhea in a cohort of hospitalized patients. McFarland LV, et al. **J Infect Dis** 1990 Sep; 162(3):678–84

CLOSTRIDIUM TETANI

Response to tetanus toxoid immunization after allogeneic bone marrow transplantation. Ljungman P, et al. **J Infect Dis** 1990 Aug;162(2):496–500

CLUBFOOT

The use of a tissue expander in club-foot surgery. A case report and review. Atar D, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):574–7

COAL MINING

Tailored safety training for miners in small Pennsylvania surface coal mines [news] Passmore D, et al. **Am J Public Health** 1990 Sep;80(9):1134–5

COCAINE

Cocaine-related maternal death. Burkett G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):40–1
Rupture of unscarred uterus in primigravid woman in association with cocaine abuse. Gonsoulin W, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):526–7
The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Minkoff HL, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):521–6
Cocaine abuse among schizophrenic patients. Brady K, et al. **Am J Psychiatry** 1990 Sep;147(9):1164–7
Crack lung: an acute pulmonary syndrome with a spectrum of clinical and histopathologic findings. Forrester JM, et al. **Am Rev Respir Dis** 1990 Aug;142(2):462–7
Cocaine smokers excrete a pyrolysis product, anhydroecgonine methyl ester. Jacob P 3d, et al. **J Toxicol Clin Toxicol** 1990;28(1):121–5
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1990 Aug 22–29; 264(8):950
The callus of crack cocaine [letter] Larkin RF. **N Engl J Med** 1990 Sep 6;323(10):685
Cerebrovascular complications of the use of the "crack" form of alkaloidal cocaine. Levine SR, et al. **N Engl J Med** 1990 Sep 13;323(11):699–704
The cocaine user: the potential problem patient for rhinoplasty. Slavin SA, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):436–42
Stroke from alcohol and drug abuse. A current social peril. Gorelick PB. **Postgrad Med** 1990 Aug;88(2):171–4, 177–8 (21 ref.)
Cerebral abnormalities in cocaine abusers: demonstration by SPECT perfusion brain scintigraphy. Work in progress. Tumeh SS, et al. **Radiology** 1990 Sep;176(3):821–4
Cocaine in the cradle: a hidden epidemic. Giacoia GP. **South Med J** 1990 Aug;83(8):947–51 (38 ref.)

COCHLEA

Changes in the capillaries of the stria vascularis after hemorrhagic shock. Watanabe K, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):660–5
In search of cochlear morphologic correlates for tinnitus. Oliveira CA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):937–9
Cochlear microcirculation in young and old gerbils. Prazma J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):932–6

COCHLEAR NERVE

The solitary schwannoma of the eighth cranial nerve. An immunohistochemical study of the cochlear nerve-tumor interface. Marquet JF, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1023–5
In search of cochlear morphologic correlates for tinnitus. Oliveira CA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):937–9
Hearing conservation in acoustic neuroma surgery via the posterior fossa. Baldwin DL, et al. **J Laryngol Otol** 1990 Jun;104(6):463–7

CODEINE

Evaluation of two formulations of dihydrocodeine using patient-controlled analgesia. Aitken HA, et al. **Anaesthesia** 1990 Jul;45(7):535–7
Skin reactivity to codeine and histamine during prolonged corticosteroid therapy. Olson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):153–9
Double-blind comparison of meclofenamate sodium plus codeine, meclofenamate sodium, codeine, and placebo for relief of pain following surgical removal of third molars. Giglio JA, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):785–90

COFFEE

Headache caused by caffeine withdrawal among moderate coffee drinkers switched from ordinary to decaffeinated coffee: a 12 week double blind trial. van Dusseldorp M, et al. **BMJ** 1990 Jun 16;300(6739):1558–9

COGNITION

Detecting awareness during general anaesthesia [letter] Bogod DG. **Anaesthesia** 1990 Jul;45(7):590
Awareness and pain during surgery [letter] Henshaw JS. **Anaesthesia** 1990 Jun;45(6):491–2
Electrophysiologic comparisons between two groups of patients with Alzheimer's disease. Albert MS, et al. **Arch Neurol** 1990 Aug;47(8):857–63

COGNITION DISORDERS

Thought disorder in the relatives of schizophrenics. A meta-analytic review of selected published studies. Romney DM. **J Nerv Ment Dis** 1990 Aug;178(8):481–6
Cognitive and behavioral sequelae of mild head injury in children. Bijur PE, et al. **Pediatrics** 1990 Sep;86(3):337–44

COGNITIVE THERAPY

Increased relapse of duodenal ulcers in patients treated with cognitive psychotherapy [letter] Wilhelmsen I, et al. **Lancet** 1990 Aug 4;336(8710):307

COHORT STUDIES

Cohort studies: what editors want from authors and peer reviewers [editorial] Squires BP, et al. **Can Med Assoc J** 1990 Aug 1;143(3):179–80

COIN LESION, PULMONARY

Left atrial air embolism during intraoperative needle biopsy of a deep pulmonary lesion. Worth ER, et al. **Anesthesiology** 1990 Aug;73(2):342–5
Decision analysis for management of solitary pulmonary nodules [letter] Lillington GA. **Mayo Clin Proc** 1990 Jul; 65(7):1029–30

COITUS

Postcoital antimicrobial prophylaxis for recurrent urinary tract infection. A randomized, double-blind, placebo-controlled trial. Stapleton A, et al. **JAMA** 1990 Aug 8;264(6):703–6

COLCHICINE

Failure of colchicine to improve short-term survival in patients with alcoholic hepatitis. Akriviadis EA, et al. **Gastroenterology** 1990 Sep;99(3):811–8

COLD

Glycoprotein specificity of cold-reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Mimura T, et al. **Arthritis Rheum** 1990 Aug; 33(8):1226–32
Regional expression of cold urticaria. Kurtz AS, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):272–3

COLECTOMY

Effects of age and body composition on the metabolic responses to elective colon resection. Watters JM, et al. **Ann Surg** 1990 Aug;212(2):213–20
Constipation: another indication for restorative proctocolectomy. Hosie KB, et al. **Br J Surg** 1990 Jul; 77(7):801–2

COLIC

Unreliable effect of nifedipine in relieving renal colic [letter] Lheureux P, et al. **Ann Emerg Med** 1990 Jul;19(7):841–2
Effect of yeast lactase enzyme on "colic" in infants fed human milk. Miller JJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):261–3

COLITIS

Colonic mucus and colitis [letter] Jass JR. **Gut** 1990 Jun; 31(6):730

COLITIS, ULCERATIVE

The relation of ulcerative colitis to psychiatric factors: a review of findings and methods. North CS, et al. **Am J Psychiatry** 1990 Aug;147(8):974–81 (71 ref.)
Acute ulcerative proctocolitis associated with primary cytomegalovirus infection. Diepersloot RJ, et al. **Arch Intern Med** 1990 Aug;150(8):1749–51
Role of interleukin 1 in inflammatory bowel disease--enhanced production during active disease. Ligumsky M, et al. **Gut** 1990 Jun;31(6):686–9
Why do patients with ulcerative colitis relapse? [letter] Paulley JW. **Gut** 1990 Aug;31(8):959–60
Lamina propria mast cells in ulcerative colitis [letter] Benfield GF, et al. **J Clin Pathol** 1990 Jul;43(7):611
Cyclosporin treatment for severe active ulcerative colitis [letter] Porro GB, et al. **Lancet** 1990 Aug 18;336(8712):439
Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Van Woert JH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1144–9

COLLAGEN

Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Manabe Y, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):52–6
Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides. Buckee C, et al. **Br J Rheumatol** 1990 Aug;29(4):254–8
Serum type IV collagen concentrations in diabetic patients with microangiopathy as determined by enzyme immunoassay with monoclonal antibodies. Matsumoto E, et al. **Diabetes** 1990 Aug;39(8):885–90

COLLATERAL CIRCULATION

Myocardial stunning in dogs: preconditioning effect and influence of coronary collateral flow. Cohen MV, et al. **Am Heart J** 1990 Aug;120(2):282–91
Coronary collaterals in acute myocardial infarction without underlying coronary stenosis. Edwards RR, et al.

Am Heart J 1990 Aug;120(2):424–7
Significance of collateral circulation in reversible left ventricular asynergy by nitroglycerin in patients with relatively recent myocardial infarction. Fujita M, et al. **Am Heart J** 1990 Sep;120(3):521–8

COLLOIDS

Increase of plasma nonesterified fatty acid concentration and decrease of albumin binding affinity after intravenous injection of glycocholate–lecithin mixed micelles. Guentert TW, et al. **J Lab Clin Med** 1990 Jul;116(1):66–75
Comparison of a hydrocolloid dressing and silver sulfadiazine cream in the outpatient management of second-degree burns. Wyatt D, et al. **J Trauma** 1990 Jul;30(7):857–65

COLON

Addition of parenteral cefoxitin to regimen of oral antibiotics for elective colorectal operations. A randomized prospective study. Schoetz DJ Jr, et al. **Ann Surg** 1990 Aug;212(2):209–12
A rapid and simple in vitro method for evaluating human colorectal epithelial proliferation. Darmon E, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):855–7
Effect of defunction on cytokinetics and cancer at colonic suture lines. Appleton GV, et al. **Br J Surg** 1990 Jul; 77(7):768–72
Epidural analgesia in colonic surgery: results of a randomized prospective study. Bredtmann RD, et al. **Br J Surg** 1990 Jun;77(6):638–42
Restorative proctocolectomy without temporary ileostomy. Everett WG, et al. **Br J Surg** 1990 Jun;77(6):621–2
Response to faecal challenge in defunctioned colonic Crohn's disease: prediction of long-term course. Fasoli R, et al. **Br J Surg** 1990 Jun;77(6):616–7
Peroperative observation of marginal artery bleeding; a predictor of anastomotic leakage [letter] Grace R. **Br J Surg** 1990 Jun;77(6):714
The long-term sequelae of ileocolic anastomosis in childhood: a retrospective survey. Parashar K, et al. **Br J Surg** 1990 Jun;77(6):645–6
Selective stimulation of colonic motor response to a meal by sigma ligands in dogs. Junien JL, et al. **Gastroenterology** 1990 Sep;99(3):684–9
Short-chain fatty acid absorption in rabbit colon in vitro. Sellin JH, et al. **Gastroenterology** 1990 Sep;99(3):676–83
Binding of proteolytically-degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Chadee K, et al. **Gut** 1990 Aug; 31(8):890–5
Alternative pathways for hydrogen disposal during fermentation in the human colon. Gibson GR, et al. **Gut** 1990 Jun;31(6):679–83
Proliferation rate of colonic mucosa in normal subjects and patients with colonic neoplasms: a refined immunohistochemical method. Welberg JW, et al. **J Clin Pathol** 1990 Jun;43(6):453–6

COLONIC DISEASES

Perforation of colon in distal intestinal syndrome of cystic fibrosis [letter] Whitehead AM. **Lancet** 1990 Aug 18; 336(8712):446
Proctologic management of the HIV-positive patient. Beck DE, et al. **South Med J** 1990 Aug;83(8):900–3
Childhood intussusception. Skipper RP, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):151–3

COLONIC DISEASES, FUNCTIONAL

Changes in rectal sensitivity after hypnotherapy in patients with irritable bowel syndrome. Prior A, et al. **Gut** 1990 Aug;31(8):896–8

COLONIC NEOPLASMS

A rapid and simple in vitro method for evaluating human colorectal epithelial proliferation. Darmon E, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):855–7
Relationship between age and survival in cancer of the colon and rectum with special reference to patients less than 40 years of age. Enblad G, et al. **Br J Surg** 1990 Jun; 77(6):611–6
Experimental colonic carcinogenesis after gastric surgery. Houghton PW, et al. **Br J Surg** 1990 Jul;77(7):774–8
The risk of subsequent primary malignant diseases after cancers of the colon and rectum. A nationwide cohort study. Enblad P, et al. **Cancer** 1990 May 1;65(9):2091–100
Sialic acid histochemistry and the adenoma-carcinoma sequence in colorectum. Agawa S, et al. **J Clin Pathol** 1990 Jul;43(7):527–32
Proliferation rate of colonic mucosa in normal subjects and patients with colonic neoplasms: a refined immunohistochemical method. Welberg JW, et al. **J Clin Pathol** 1990 Jun;43(6):453–6
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677
Surveillance strategies after resection of carcinoma of the colon and rectum. Fantini GA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):267–73 (58 ref.)
Human Kupffer cells are cytotoxic against human colon adenocarcinoma. Roh MS, et al. **Surgery** 1990 Aug; 108(2):400–4; discussion 404–5
Sucrase–isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas. Wiltz O, et al. **Surgery** 1990 Aug;108(2):269–75; discussion 275–6

COLONIC POLYPS

Phenotypic variation in colorectal adenoma/cancer expression in two families. Hereditary flat adenoma syndrome. Lynch HT, et al. **Cancer** 1990 Sep 1;66(5):909–15
Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Verhest A, et al. **Cancer** 1990 May 1;65(9):2047–54
Current status of tumor of the bowel following ureterosigmoidostomy: a review. Husmann DA, et al. **J Urol** 1990 Sep;144(3):607–10 (28 ref.)

COLONY-STIMULATING FACTORS

Hematologic effects of recombinant murine granulocyte-macrophage colony-stimulating factor on the peripheral blood and bone marrow. Ulich TR, et al. **Am J Pathol** 1990 Aug;137(2):369–76
Protective effect of recombinant human granulocyte colony-stimulating factor against pneumococcal infections in splenectomized mice. Hebert JC, et al. **Arch Surg** 1990 Aug;125(8):1075–8
High-dose melphalan and granulocyte-macrophage colony-stimulating factor for refractory multiple myeloma. Barlogie B, et al. **Blood** 1990 Aug 15;76(4):677–80
A comparison of treatment of canine cyclic hematopoiesis with recombinant human granulocyte-macrophage colony-stimulating factor (GM-CSF), G-CSF interleukin-3, and canine G-CSF. Hammond WP, et al. **Blood** 1990 Aug 1;76(3):523–32
Establishment and characterization of a granulocyte-macrophage colony-stimulating factor-dependent human myeloid cell line. Oez S, et al. **Blood** 1990 Aug 1;76(3):578–82
Subcutaneous recombinant granulocyte-macrophage colony-stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Pluda JM, et al. **Blood** 1990 Aug 1;76(3):463–72
Recombinant human granulocyte colony-stimulating factor accelerates hematopoietic recovery after DLA-identical littermate marrow transplants in dogs. Schuening FG, et al. **Blood** 1990 Aug 1;76(3):636–40
Effects of recombinant human granulocyte colony-stimulating factor on the hematologic recovery and survival of irradiated mice. Tanikawa S, et al. **Blood** 1990 Aug 1;76(3):445–9
Post-transcriptional regulation of granulocyte-macrophage colony-stimulating factor synthesis in murine T cells. Bickel M, et al. **J Immunol** 1990 Aug 1;145(3):840–5
Differentiation of the IL-3-dependent NFS-60 cell line and adaption to growth in macrophage colony-stimulating factor. Nakoinz I, et al. **J Immunol** 1990 Aug 1;145(3):860–4
Recombinant granulocyte-macrophage colony-stimulating factor restores deficient immune responses in mice with chronic Trypanosoma cruzi infections. Reed SG, et al. **J Immunol** 1990 Sep 1;145(5):1564–70
Differential effect of GM-CSF and G-CSF in cyclic neutropenia [letter] Freund MR, et al. **Lancet** 1990 Aug 4;336(8710):313

COLORECTAL NEOPLASMS

Screening for colorectal cancer: need for controlled trials [editorial; comment] Bond JH. **Ann Intern Med** 1990 Sep 1;113(5):338–40. Comment on: Ann Intern Med 1990 Sep 1;113(5):373–84.
Screening for colorectal cancer [see comments] Eddy DM. **Ann Intern Med** 1990 Sep 1;113(5):373–84 (39 ref.). Comment in: Ann Intern Med 1990 Sep 1;113(5):338–40.
Screening for colorectal cancer [letter] Schulman K. **Ann Intern Med** 1990 Aug 15;113(4):333–4
Intra-arterial floxuridine vs systemic fluorouracil for hepatic metastases from colorectal cancer. A randomized trial. Martin JK Jr, et al. **Arch Surg** 1990 Aug;125(8):1022–7
Massive screening for colorectal cancer. A single institution's public commitment. Petrelli NJ, et al. **Arch Surg** 1990 Aug; 125(8):1049–51
Prospective randomized controlled trial of hepatic arterial embolization or infusion chemotherapy with 5-fluorouracil and degradable starch microspheres for colorectal liver metastases. Hunt TM, et al. **Br J Surg** 1990 Jul;77(7):779–82
Association between transfusion with plasma and the recurrence of colorectal carcinoma. Marsh J, et al. **Br J Surg** 1990 Jun;77(6):623–6
Comparison of Coloscreen Self-Test and Haemoccult faecal occult blood tests in the detection of colorectal cancer in symptomatic patients. Pye G, et al. **Br J Surg** 1990 Jun; 77(6):630–1
Hepatic resection for colorectal secondaries [letter] Taylor I. **Br J Surg** 1990 Jul;77(7):834
A phase II trial of recombinant tumor necrosis factor in patients with advanced colorectal carcinoma. Kemeny N, et al. **Cancer** 1990 Aug 15;66(4):659–63
Abnormal DNA ploidy and proliferative patterns in superficial colonic epithelium adjacent to colorectal cancer. Ngoi SS, et al. **Cancer** 1990 Sep 1;66(5):953–9
Value of serum acute-phase reactant proteins and carcinoembryonic antigen in the preoperative staging of colorectal cancer. A multivariate analysis. Stamatiadis AP, et al. **Cancer** 1990 May 1;65(9):2055–7
Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Verhest A, et al. **Cancer** 1990 May 1;65(9):2047–54
A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Windschitl HE, et al. **Cancer** 1990 Sep 1;66(5):853–6
Asbestos and colorectal cancer. Weiss W. **Gastroenterology** 1990 Sep;99(3):876–84 (54 ref.)
Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)

COLORECTAL NEOPLASMS, HEREDITARY NONPOLYPOSIS

Phenotypic variation in colorectal adenoma/cancer expression in two families. Hereditary flat adenoma syndrome. Lynch HT, et al. **Cancer** 1990 Sep 1;66(5):909–15

COLORIMETRY

New colorimetric test for rapid diagnosis of streptococcal pharyngitis: a warning. Gerber MA, et al. **Pediatrics** 1990 Sep;86(3):457–9

COLOSTOMY

Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Bartley GB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1074

COLOSTRUM

Cryptosporidiosis and acute leukemia [letter] Heaton P. **Arch Dis Child** 1990 Jul;65(7):813–4

COLPOSCOPY

Colposcopy in diethylstilbestrol-exposed offspring [letter] Gimbel GL. **Am J Obstet Gynecol** 1990 Aug;163(2):703
Preventing cervical conization by achieving satisfactory colposcopy with hygroscopic cervical dilators. Stern JL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):176–7
Teaching colposcopy and androscopy in family practice residencies. Newkirk GR, et al. **J Fam Pract** 1990 Aug; 31(2):171–8
Use of the colposcope in childhood sexual abuse examinations. McCann J. **Pediatr Clin North Am** 1990 Aug; 37(4):863–80 (36 ref.)

COMA

Reversal of prolonged isoniazid-induced coma by pyridoxine. Brent J, et al. **Arch Intern Med** 1990 Aug;150(8):1751–3
Severe self-poisoning with oxetorone: report of one case. Galerneau V, et al. **J Toxicol Clin Toxicol** 1990;28(1):111–6

COMMERCE

The illegal sale of cigarettes to minors in Oregon. Thomson B, et al. **J Fam Pract** 1990 Aug;31(2):206–8

COMMITMENT OF MENTALLY ILL

Avoiding negligent release: contemporary clinical and risk management strategies. Poythress NG Jr. **Am J Psychiatry** 1990 Aug;147(8):994–7

COMMON BILE DUCT

Congenital biliary dilatation: a spectrum of disease detailed by ultrasound. Young W, et al. **Br J Radiol** 1990 May; 63(749):333–6

COMMON BILE DUCT DISEASES

Operative strategy in Mirizzi syndrome. Dewar G, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):157–9

COMMON BILE DUCT NEOPLASMS

Tamoxifen therapy in unresectable adenocarcinoma of the pancreas and the papilla of Vater. Bakkevold KE, et al. **Br J Surg** 1990 Jul;77(7):725–30
Carcinoid tumour of the common bile duct—a novel complication of von Hippel-Lindau syndrome. Fellows IW, et al. **Gut** 1990 Jun;31(6):728–9

COMMON COLD

Nonprescription cough and cold remedies [letter] Lexchin J. **Can Med Assoc J** 1990 Aug 1;143(3):175
Peripheral blood mononuclear cell interleukin-2 and interferon-gamma production, cytotoxicity, and antigen-stimulated blastogenesis during experimental rhinovirus infection. Hsia J, et al. **J Infect Dis** 1990 Sep; 162(3):591–7
Effect of inhaling heated vapor on symptoms of the common cold. Macknin ML, et al. **JAMA** 1990 Aug 22–29;

264(8):989–91

COMMUNICABLE DISEASE CONTROL

Infectious disease control. Galbraith NS. **BMJ** 1990 Jun 9; 300(6738):1477–8 (4 ref.)
Statement on vaccination of children with inadequate immunization records. **Can Med Assoc J** 1990 Aug 15; 143(4):291–2
CDC ponders new HIV guidelines [news] Goldsmith MF. **JAMA** 1990 Sep 5;264(9):1079
It's peacetime, but war against disease continues [news] Marwick C. **JAMA** 1990 Aug 22–29;264(8):944
Partner notification for HIV in Sweden [letter] Giesecke J, et al. **Lancet** 1990 Aug 25;336(8713):508

COMMUNICATION

And the children shall teach us ... [letter] Asnes RS. **Am J Dis Child** 1990 Aug;144(8):849
Intercultural communication in assessing dietary habits: Liberia as an example. Jarosz LA. **J Am Diet Assoc** 1990 Aug;90(8):1094–8

COMMUNITY HEALTH SERVICES

Medical care in the community for adults with mental retardation [editorial; comment] Crocker AC. **Am J Public Health** 1990 Sep;80(9):1037–8. Comment on: Am J Public Health 1990 Sep;80(9):1043–8.
Meeting the needs for health services of persons with mental retardation living in the community [see comments] Minihan PM, et al. **Am J Public Health** 1990 Sep; 80(9):1043–8. Comment in: Am J Public Health 1990 Sep;80(9):1037–8.
Reduction in pneumonia mortality and total childhood mortality by means of community-based intervention trial in Gadchiroli, India. Bang AT, et al. **Lancet** 1990 Jul 28; 336(8709):201–6

COMMUNITY-INSTITUTIONAL RELATIONS

Communicating hospital goals fosters support, says exec. Souhrada L. **Hospitals** 1990 Aug 20;64(16):47
Scientifically astute activists seek common ground with clinicians on testing new AIDS drugs [news] Cotton P. **JAMA** 1990 Aug 8;264(6):666, 669–70, 673

COMMUNITY MENTAL HEALTH SERVICES

Second-generation deinstitutionalization, II: The impact of Brewster v. Dukakis on correlates of community and hospital utilization. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):988–93

COMPARTMENT SYNDROMES

Acute compartment syndrome secondary to theophylline overdose [letter] Lloyd DM, et al. **Lancet** 1990 Aug 4; 336(8710):312

COMPLEMENT 3B

Glycoprotein C of herpes simplex virus type 1 prevents complement-mediated cell lysis and virus neutralization. Harris SL, et al. **J Infect Dis** 1990 Aug;162(2):331–7

COMPLEMENT 4

Uniparental isodisomy 6 associated with deficiency of the fourth component of complement. Welch TR, et al. **J Clin Invest** 1990 Aug;86(2):675–8

COMPLEMENT 5A

C5a-induced neutrophilia. A primary humoral mechanism for recruitment of neutrophils. Kajita T, et al. **Am J Pathol** 1990 Aug;137(2):467–77

COMPUTER SIMULATION

Standardized testing of patient management skills. A computer-based method. Volle RL. **Clin Orthop** 1990 Aug; (257):47–51
Aortic regurgitation shortens Doppler pressure half-time in mitral stenosis: clinical evidence, in vitro simulation and theoretic analysis. Flachskampf FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):396–404
Analysis of the early transmitral Doppler velocity curve: effect of primary physiologic changes and compensatory preload adjustment. Thomas JD, et al. **J Am Coll Cardiol** 1990 Sep;16(3):644–55
A computerized simulator for critical-care training: new technology for medical education. Saliterman SS. **Mayo Clin Proc** 1990 Jul;65(7):968–78

COMPUTERS

A survey of the personal computer laboratory facilities and policies at U.S. medical schools. Gunzburger LK, et al. **Acad Med** 1990 Aug;65(8):540–1
A simple pocket calculator approach to predict anesthetic drug concentrations from pharmacokinetic data. Maitre PO, et al. **Anesthesiology** 1990 Aug;73(2):332–6
Laboratory evaluation and use of the Engström metabolic computer in the clinical setting. Regan CJ, et al. **Crit Care Med** 1990 Aug;18(8):871–7

CONDIMENTS

Bay leaf impaction [letter] Belitsos NJ. **Ann Intern Med** 1990 Sep 15;113(6):483–4

CONDITIONING, OPERANT

Brain mechanisms underlying motor skill learning in the rat. Thompson R, et al. **Am J Phys Med Rehabil** 1990 Aug; 69(4):191–7

CONDYLOMATA ACUMINATA

Human papillomaviruses in anogenital warts in children: typing by in situ hybridisation. Padel AF, et al. **BMJ** 1990 Jun 9;300(6738):1491–4

CONFIDENTIALITY

New extension of the Tarasoff decision [letter] Goldstein RL. **Am J Psychiatry** 1990 Sep;147(9):1250–1
Computers help keep patient files confidential. Hard R. **Hospitals** 1990 Aug 20;64(16):49–50
Liability for medical record disclosure is real but rare. Weisman E. **Hospitals** 1990 Aug 20;64(16):28, 32
Confidentiality in medical practice. Lako CJ, et al. **J Fam Pract** 1990 Aug;31(2):167–70

CONJUNCTIVA

Cutaneous approaches to the orbital skeleton and periorbital structures. Eppley BL, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):842–54 (45 ref.)

CONJUNCTIVITIS

A systemic approach to the diagnosis of chronic conjunctivitis [letter] Francis IC. **Am J Ophthalmol** 1990 Aug 15;110(2):213–4

CONNECTIVE TISSUE

Relationship of endoneurial capillary abnormalities to type and severity of diabetic polyneuropathy. Britland ST, et al. **Diabetes** 1990 Aug;39(8):909–13

CONSTIPATION

Management of constipation [letter] Ardron ME, et al. **BMJ** 1990 May 26;300(6736):1400
Constipation: another indication for restorative proctocolectomy. Hosie KB, et al. **Br J Surg** 1990 Jul; 77(7):801–2
Vasoactive intestinal polypeptide levels in sigmoid colon in idiopathic constipation and diverticular disease. Milner P, et al. **Gastroenterology** 1990 Sep;99(3):666–75

CONSTRUCTION MATERIALS

Self-leveling mortar as a possible cause of symptoms associated with "sick building syndrome". Lundholm M, et al. **Arch Environ Health** 1990 May-Jun;45(3):135–40

CONSULTANTS

JONA's Semiannual Directory of Consultants to Nursing Administration. **J Nurs Adm** 1990 Jul-Aug;20(7–8):53–104

CONSUMER SATISFACTION

How good are our breast reconstructions? [editorial] Goldwyn RM. **Plast Reconstr Surg** 1990 Sep;86(3):548–9

CONTACT LENSES

Microbial contamination of contact lens storage cases and solutions. Wilson LA, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):193–8

CONTRACEPTION

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510–4
Cervical cancer: role for progesterone during pregnancy and contraception? [letter] Stendahl U, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):685–6
Use of contraception and family planning services in the United States, 1988. Mosher WD, et al. **Am J Public Health** 1990 Sep;80(9):1132–3
Contraception in the adolescent. Preparation for the 1990s. Greydanus DE, et al. **Med Clin North Am** 1990 Sep; 74(5):1205–24 (50 ref.)

CONTRACEPTIVE AGENTS

A guide to interpreting contraceptive efficacy studies. Trussell J, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):558–67 (31 ref.)

CONTRACEPTIVE DEVICES

A guide to interpreting contraceptive efficacy studies. Trussell J, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):558–67 (31 ref.)

CONTRACEPTIVE DEVICES, MALE

Irish condom ruling [news] Nowlan D. **BMJ** 1990 Jun 2; 300(6737):1420–1
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Sep 12;264(10):1239

CONTRACEPTIVES, ORAL

Oral contraception and congenital malformations in offspring: a review and meta-analysis of the prospective studies. Bracken MB. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):552–7
Oral contraceptives and breast cancer: a case-control study with hospital and community controls. Schildkraut JM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):395–402

CONTRACTURE

Use of serial casting in the management of knee joint contractures in an adolescent with cerebral palsy. Phillips WE, et al. **Phys Ther** 1990 Aug;70(8):521–3

CONTRAST MEDIA

Ionic vs nonionic contrast media: a proposal [letter] Lasser EC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):651–2
Nonionic vs ionic contrast media: corticosteroid pretreatment in a private practice [letter] Seibert CE. **AJR Am J Roentgenol** 1990 Sep;155(3):652
High-dose contrast agent administration during complex coronary angioplasty. Kahn JK, et al. **Am Heart J** 1990 Sep;120(3):533–6
Safety and efficacy of a new transpulmonary ultrasound contrast agent: initial multicenter clinical results. Feinstein SB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):316–24
Effects of atrial natriuretic peptide versus mannitol on renal blood flow during radiocontrast infusion in chronic renal failure. Kurnik BR, et al. **J Lab Clin Med** 1990 Jul; 116(1):27–36
Severe anaphylactoid reaction to Gd-DTPA [letter] Lufkin RB. **Radiology** 1990 Sep;176(3):879
Effects of contrast agents on the fallopian tube in a rabbit model. Moore DE, et al. **Radiology** 1990 Sep;176(3):721–4

CONTRAST SENSITIVITY

An optical model to describe image contrast with bifocal intraocular lenses. Atebara NH, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):172–7

CONTUSIONS

Prediction of the delayed complications of intestinal and mesenteric injuries following experimental blunt abdominal trauma. Paterson-Brown S, et al. **Br J Surg** 1990 Jun; 77(6):648–51

CONVULSIONS

Severe self-poisoning with oxetorone: report of one case. Galerneau V, et al. **J Toxicol Clin Toxicol** 1990;28(1):111–6

CONVULSIONS, FEBRILE

Treatment of epilepsy and febrile convulsions in children. Rylance GW. **Lancet** 1990 Aug 25;336(8713):488–91 (29 ref.)
Phenobarbital for febrile seizures [letter] **N Engl J Med** 1990 Aug 16;323(7):484–6

COPULATION

Gonadotropin-releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating-induced luteinizing hormone surge. Kaynard AH, et al. **Endocrinology** 1990 Sep;127(3):1176–85

COPYING PROCESSES

Nursing homes and fax machines [letter] Tangalos EG, et al. **JAMA** 1990 Aug 8;264(6):693–4

COR TRIATRIATUM

Transesophageal color flow Doppler evaluation of cor triatriatum in an adult. Ludomirsky A, et al. **Am Heart J** 1990 Aug;120(2):451–5

CORN

The tadidiin (corn pollen) syndrome [letter] Freeman GL.

J Allergy Clin Immunol 1990 Aug;86(2):275

CORNEA

A corneal complication of indirect ophthalmic laser delivery systems. Rubinfeld RS, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):206–8

CORNEAL DISEASES

The results of penetrating keratoplasty for pellucid marginal corneal degeneration. Varley GA, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):149–52

Toxic endothelial cell destruction of the cornea after routine extracapsular cataract surgery. Breebaart AC, et al. **Arch Ophthalmol** 1990 Aug;108(8):1121–5

CORONARY ANEURYSM

Postpartum coronary artery dissection followed by heart transplantation. Curiel P, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):538–9

Presumed Kawasaki disease resulting in multiple coronary artery aneurysms in an adult. Brevard SB, et al. **Ann Thorac Surg** 1990 Aug;50(2):291–2; discussion 293

Coronary revascularization in a child with Kawasaki disease: use of right gastroepiploic artery. Takeuchi Y, et al. **Ann Thorac Surg** 1990 Aug;50(2):294–6

CORONARY ARTERIOSCLEROSIS

Retrieval of vein graft suture fragments with directional coronary atherectomy: a note of caution. Kahn JK, et al. **Am Heart J** 1990 Sep;120(3):692–6

Inadvertent "atherectomy" during ostial right coronary artery angioplasty. Lasala JM, et al. **Am Heart J** 1990 Aug; 120(2):423–4

Atherosclerosis in a donor heart [letter] Miller GL. **Ann Intern Med** 1990 Sep 15;113(6):484

Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Rodgers GP, et al. **Circulation** 1990 Aug;82(2):560–9

Endothelial cell dysfunction: an emerging endocrinopathy linked to coronary disease [editorial; comment] Healy B. **J Am Coll Cardiol** 1990 Aug;16(2):357–8. Comment on: J Am Coll Cardiol 1990 Aug;16(2):349–56.

Large coronary arteries in humans are responsive to changing blood flow: an endothelium-dependent mechanism that fails in patients with atherosclerosis [see comments] Nabel EG, et al. **J Am Coll Cardiol** 1990 Aug;16(2):349–56. Comment in: J Am Coll Cardiol 1990 Aug;16(2):357–8.

Diet and new lesions of the coronary arteries [letter] **JAMA** 1990 Sep 12;264(10):1251–2

CORONARY ARTERY BYPASS

Update on mechanical intervention in acute myocardial infarction. Vlay SC. **Am Heart J** 1990 Sep;120(3):734–8

Coronary angioplasty for chronic total occlusion reduces the need for subsequent coronary bypass surgery. Warren RJ, et al. **Am Heart J** 1990 Aug;120(2):270–4

Value of thallium-201 reinjection after delayed SPECT imaging for predicting reversible ischemia after coronary artery bypass grafting. Ohtani H, et al. **Am J Cardiol** 1990 Aug 15;66(4):394–9

Impairment of left ventricular diastolic function during coronary artery bypass grafting. Wehlage DR, et al. **Anaesthesia** 1990 Jul;45(7):549–51

Coronary artery bypass grafting without splenectomy [letter] Bowman GA. **Ann Thorac Surg** 1990 Aug;50(2):330–1

Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8

Risks of blood exposure to the cardiac surgical team. Pate JW. **Ann Thorac Surg** 1990 Aug;50(2):248–50

Determinants of pulmonary function in patients undergoing coronary bypass operations. Shapira N, et al. **Ann Thorac Surg** 1990 Aug;50(2):268–73

Coronary revascularization in a child with Kawasaki disease: use of right gastroepiploic artery. Takeuchi Y, et al. **Ann Thorac Surg** 1990 Aug;50(2):294–6

Coronary artery bypass surgery [letter] Bryan AJ, et al. **BMJ** 1990 Jun 16;300(6739):1588

Prophylaxis for post-perfusion CABG bleeding [letter] Jones RE, et al. **Chest** 1990 Aug;98(2):516–7

Vascular prostacyclin is increased in patients ingesting omega-3 polyunsaturated fatty acids before coronary artery bypass graft surgery [see comments] DeCaterina R, et al. **Circulation** 1990 Aug;82(2):428–38. Comment in: Circulation 1990 Aug;82(2):639–42.

Use of a nasal continuous positive airway pressure mask in the treatment of postoperative atelectasis in aortocoronary bypass surgery. Pinilla JC, et al. **Crit Care Med** 1990 Aug; 18(8):836–40

Incidence and prognostic significance of intraventricular conduction abnormalities after coronary bypass surgery. Tuzcu EM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):607–10

Reoperative coronary surgery. Comparative analysis of 6591 patients undergoing primary bypass and 508 patients undergoing reoperative coronary artery bypass. Salomon NW, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):250–9; discussion 259–60

The association of payer with utilization of cardiac procedures in Massachusetts [see comments] Wenneker MB, et al. **JAMA** 1990 Sep 12;264(10):1255–60. Comment in: JAMA 1990 Sep 12;264(10):1294–5.

Predictive characteristics for early mortality in patients awaiting coronary artery bypass [letter] Suttorp MJ, et al. **Lancet** 1990 Aug 4;336(8710):310–1

CORONARY CARE UNITS

Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9

Hughes Day revisited [letter] Bahr RD. **Lancet** 1990 Aug 4;336(8710):311

CORONARY CIRCULATION

Myocardial stunning in dogs: preconditioning effect and influence of coronary collateral flow. Cohen MV, et al. **Am Heart J** 1990 Aug;120(2):282–91

Coronary collaterals in acute myocardial infarction without underlying coronary stenosis. Edwards RR, et al. **Am Heart J** 1990 Aug;120(2):424–7

The effect of coronary artery lesions on the relationship between coronary perfusion pressure and myocardial blood flow during cardiopulmonary resuscitation in pigs. Kern KB, et al. **Am Heart J** 1990 Aug;120(2):324–33

Mechanisms of ischemia in coronary artery disease: spontaneous decrease in coronary blood supply. Morris JJ Jr. **Am Heart J** 1990 Sep;120(3):746–56; discussion 769–72 (40 ref.)

Correlates of diastolic filling abnormalities in hypertension: a Doppler echocardiographic study. Szlachcic J, et al. **Am Heart J** 1990 Aug;120(2):386–91

Myocardial protection with preconditioning. Li GC, et al. **Circulation** 1990 Aug;82(2):609–19

Ischemia-reperfusion impairs endothelium-dependent relaxation of coronary microvessels but does not affect large arteries. Quillen JE, et al. **Circulation** 1990 Aug; 82(2):586–94

Chest pain with normal coronary angiograms: is the heart innocent or guilty? [comment] Cannon RO 3d. **J Am Coll Cardiol** 1990 Sep;16(3):596–8. Comment on: J Am Coll Cardiol 1990 Sep;16(3):586–95.

Increased myocardial perfusion at rest and diminished perfusion reserve in patients with angina and angiographically normal coronary arteries [see comments] Geltman EM, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):586–95. Comment in: J Am Coll Cardiol 1990 Sep;16(3):596–8.

Progressive failure of coronary flow during reperfusion of myocardial infarction: documentation of the no reflow phenomenon with positron emission tomography. Jeremy RW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):695–704

Large coronary arteries in humans are responsive to changing blood flow: an endothelium-dependent mechanism that fails in patients with atherosclerosis [see comments] Nabel EG, et al. **J Am Coll Cardiol** 1990 Aug;16(2):349–56. Comment in: J Am Coll Cardiol 1990 Aug;16(2):357–8.

Combined thromboxane A2 synthetase inhibition and receptor blockade are effective in preventing spontaneous and epinephrine-induced canine coronary cyclic flow variations. Yao SK, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):705–13

CORONARY DISEASE

New insights into the management of myocardial ischemia. San Francisco, California, November 3–4, 1989. Proceedings of a symposium. **Am Heart J** 1990 Sep; 120(3):719–72

New insights into the management of myocardial ischemia. Overview. Abrams J. **Am Heart J** 1990 Sep;120(3):719–21; discussion 743–5

Management of myocardial ischemia: role of intermittent nitrate therapy. Abrams J. **Am Heart J** 1990 Sep; 120(3):762–5; discussion 769–72 (25 ref.)

Echocardiographic visualization of a large mobile right atrial thrombus with sudden embolization during real-time scanning. Adamick R, et al. **Am Heart J** 1990 Sep; 120(3):699–701

Cardiopulmonary exercise testing before and after conditioning in older coronary patients. Ades PA, et al. **Am Heart J** 1990 Sep;120(3):585–9

Transcatheter aspiration of intracoronary thrombus after myocardial infarction. Brown SE, et al. **Am Heart J** 1990 Sep;120(3):688–90

Cardiac failure in coronary heart disease. Cheng TO. **Am Heart J** 1990 Aug;120(2):396–412 (81 ref.)

Buccal nitroglycerin decreases ischemic pain during coronary angioplasty: a double-blind, randomized, placebo-controlled study. Johansson SR, et al. **Am Heart J** 1990 Aug;120(2):275–81

The effect of coronary artery lesions on the relationship between coronary perfusion pressure and myocardial blood flow during cardiopulmonary resuscitation in pigs. Kern KB, et al. **Am Heart J** 1990 Aug;120(2):324–33

Beat-to-beat evaluation of cardiac function during recovery from upright bicycle exercise in patients with coronary artery disease. Koike A, et al. **Am Heart J** 1990 Aug; 120(2):316–23

Inadvertent "atherectomy" during ostial right coronary artery angioplasty. Lasala JM, et al. **Am Heart J** 1990 Aug; 120(2):423–4

New coronary artery disease index based on exercise-induced QRS changes. Michaelides AP, et al. **Am Heart J** 1990 Aug;120(2):292–302

Mechanisms of ischemia in coronary artery disease: spontaneous decrease in coronary blood supply. Morris JJ Jr. **Am Heart J** 1990 Sep;120(3):746–56; discussion 769–72 (40 ref.)

Clinical implications of exercise-induced chest pain: comparison of patients with and without pathologic Q waves in coronary artery disease. Ozawa T, et al. **Am Heart J** 1990 Sep;120(3):550–4

Pharmacologic management of ischemic heart disease with beta-blockers and calcium channel blockers. Pearle DL. **Am Heart J** 1990 Sep;120(3):739–42; discussion 743–5

Current technology in assessing painless and painful ischemia. Selwyn AP. **Am Heart J** 1990 Sep;120(3):722–5

Silent ischemia: to treat or not. Shell WE. **Am Heart J** 1990 Sep;120(3):766–8; discussion 769–72

Coronary angioplasty for chronic total occlusion reduces the need for subsequent coronary bypass surgery. Warren RJ, et al. **Am Heart J** 1990 Aug;120(2):270–4

Autonomic nervous system activity during myocardial ischemia in man estimated by power spectral analysis of heart period variability. The Multicenter Study of Silent Myocardial Ischemia Investigators. Bigger JT Jr, et al. **Am J Cardiol** 1990 Aug 15;66(4):497–8

Usefulness of semiquantitative analysis of dipyridamole-thallium-201 redistribution for improving risk stratification before vascular surgery. Levinson JR, et al. **Am J Cardiol** 1990 Aug 15;66(4):406–10

ST monitoring for myocardial ischemia during and after coronary angioplasty. Mizutani M, et al. **Am J Cardiol** 1990 Aug 15;66(4):389–93

Value of thallium-201 reinjection after delayed SPECT imaging for predicting reversible ischemia after coronary artery bypass grafting. Ohtani H, et al. **Am J Cardiol** 1990 Aug 15;66(4):394–9

Exercise testing for right ventricular ischemia [letter] Rubler S, et al. **Am J Cardiol** 1990 Aug 15;66(4):528

Diagnosis of coronary artery disease [letter] Gladstone LL. **Ann Intern Med** 1990 Sep 1;113(5):410–1

Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease [see comments] Sheps DS, et al. **Ann Intern Med** 1990 Sep 1;113(5):343–51. Comment in: Ann Intern Med 1990 Sep 1;113(5):337–8.

Role of apolipoprotein levels in clinical practice. Grundy SM, et al. **Arch Intern Med** 1990 Aug;150(8):1579–82 (29 ref.)

Apolipoproteins A-I and B as predictors of angiographically defined coronary artery disease. Reinhart RA, et al. **Arch Intern Med** 1990 Aug;150(8):1629–33

Prevention of coronary heart disease in Scotland [letter] Dunnigan MG. **BMJ** 1990 Jun 16;300(6739):1583

Exercise in leisure time: coronary attack and death rates. Morris JN, et al. **Br Heart J** 1990 Jun;63(6):325–34

Acute coronary occlusion after recent coronary angioplasty. Association with exercise and successful treatment with intracoronary thrombolysis. Bedogni F, et al. **Chest** 1990 Aug;98(2):505–7

Atherogenic lipoprotein phenotype. A proposed genetic marker for coronary heart disease risk [see comments] Austin MA, et al. **Circulation** 1990 Aug;82(2):495–506. Comment in: Circulation 1990 Aug;82(2):649–51.

Mechanical dysfunction of the heart during and after ischemia. Unraveling the causes [comment] Barry WH. **Circulation** 1990 Aug;82(2):652–4. Comment on: Circulation 1990 Aug;82(2):528–35.

Myocardial protection with preconditioning. Li GC, et al. **Circulation** 1990 Aug;82(2):609–19

New lipoprotein profiles and coronary heart disease. Improving precision of risk [comment] Nestel PJ. **Circulation** 1990 Aug;82(2):649–51. Comment on: Circulation 1990 Aug;82(2):495–506.

Relation of diastolic function and exercise capacity in ischemic left ventricular dysfunction. Role of beta-agonists and beta-antagonists. Pouleur H, et al. **Circulation** 1990 Aug;82(2 Suppl):I89–96

Ischemia-reperfusion impairs endothelium-dependent relaxation of coronary microvessels but does not affect large arteries. Quillen JE, et al. **Circulation** 1990 Aug; 82(2):586–94

Intermittent perfusion of ischemic myocardium. Possible mechanisms of protective effects on mechanical function in isolated rat heart. Tani M, et al. **Circulation** 1990 Aug; 82(2):536–48

Electrophysiological testing and nonsustained ventricular tachycardia. Use and limitations in patients with coronary artery disease and impaired ventricular function [see comments] Wilber DJ, et al. **Circulation** 1990 Aug; 82(2):350–8. Comment in: Circulation 1990 Aug;82(2):633–5.

CHD risk factors: a Framingham study update. Kannel WB. **Hosp Pract [Off]** 1990 Jul 15;25(7):119–27, 130

Silent ischemia. Khandheria BK. **Hosp Pract [Off]** 1990 Aug 15;25(8):37, 40, 43 passim

Percutaneous transluminal angioplasty in patients with multivessel coronary disease: how important is complete revascularization for cardiac event-free survival? Bell MR, et al. **J Am Coll Cardiol** 1990 Sep;16(3):553–62

Reperfusion, specific thrombin inhibition and reocclusion after thrombolysis [editorial; comment] Chesebro JH, et

al. **J Am Coll Cardiol** 1990 Sep;16(3):723–5. Comment on: J Am Coll Cardiol 1990 Sep;16(3):714–22.
Role of thrombolysis and thrombin in patients with acute coronary occlusion during percutaneous transluminal coronary angioplasty. Gulba DC, et al. **J Am Coll Cardiol** 1990 Sep;16(3):563–8
Ischemic heart disease: the old versus the new [comment] Hawkins JW, et al. **J Am Coll Cardiol** 1990 Aug;16(2):311–2 (21 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):304–10.
Right ventricular diastolic function during exercise: effect of ischemia. Heywood JT, et al. **J Am Coll Cardiol** 1990 Sep;16(3):611–22
Angiographic patterns of balloon inflation during percutaneous transluminal coronary angioplasty: role of pressure-diameter curves in studying distensibility and elasticity of the stenotic lesion and the mechanism of dilation [see comments] Hjemdahl-Monsen CE, et al. **J Am Coll Cardiol** 1990 Sep;16(3):569–75. Comment in: J Am Coll Cardiol 1990 Sep;16(3):576–7.
Is there a role for multivessel coronary angioplasty early after acute myocardial infarction? [editorial; comment] Kennedy JW. **J Am Coll Cardiol** 1990 Sep;16(3):551–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):545–50.
Percutaneous transluminal coronary angioplasty: is what we see what we get? [editorial; comment] Kleiman NS, et al. **J Am Coll Cardiol** 1990 Sep;16(3):576–7. Comment on: J Am Coll Cardiol 1990 Sep;16(3):569–75.
Assessment of "silent" restenosis and long-term follow-up after successful angioplasty in single vessel coronary artery disease: the value of quantitative exercise electrocardiography and quantitative coronary angiography. Laarman G, et al. **J Am Coll Cardiol** 1990 Sep;16(3):578–85
Clinical and angiographic results of balloon-expandable intracoronary stents in right coronary artery stenoses. Levine MJ, et al. **J Am Coll Cardiol** 1990 Aug;16(2):332–9
Multivessel coronary angioplasty early after acute myocardial infarction [see comments] Nath A, et al. **J Am Coll Cardiol** 1990 Sep;16(3):545–50. Comment in: J Am Coll Cardiol 1990 Sep;16(3):551–2.
Effect of coronary angioplasty on electrocardiographic changes in patients with unstable angina secondary to left anterior descending coronary artery disease. Shawl FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):325–31
In vivo delineation of myocardial hypoxia during coronary occlusion using fluorine-18 fluoromisonidazole and positron emission tomography: a potential approach for identification of jeopardized myocardium [see comments] Shelton ME, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):477–85. Comment in: J Am Coll Cardiol 1990 Aug;16(2):486–8.
Percutaneous coronary laser balloon angioplasty: initial results of a multicenter experience. Spears JR, et al. **J Am Coll Cardiol** 1990 Aug;16(2):293–303
Incidence and prognostic significance of intraventricular conduction abnormalities after coronary bypass surgery. Tuzcu EM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):607–10
Comparison of the natural history of new onset and exacerbated chronic ischemic heart disease. The Chest Pain Study Group [see comments] White LD, et al. **J Am Coll Cardiol** 1990 Aug;16(2):304–10. Comment in: J Am Coll Cardiol 1990 Aug;16(2):311–2.
Combined thromboxane A2 synthetase inhibition and receptor blockade are effective in preventing spontaneous and epinephrine-induced canine coronary cyclic flow variations. Yao SK, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):705–13
Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.
Silent myocardial ischemia. Is the person or the event silent? Barsky AJ, et al. **JAMA** 1990 Sep 5;264(9):1132–5 (72 ref.)
Hughes Day revisited [letter] Bahr RD. **Lancet** 1990 Aug 4;336(8710):311
Percutaneous coronary angioplasty with mid-infrared laser and a new multifibre catheter [letter] Geschwind HJ, et al. **Lancet** 1990 Jul 28;336(8709):245–6
Apolipoprotein (a) and ischaemic heart disease [letter] Tomkin GH, et al. **Lancet** 1990 Jul 28;336(8709):251
Myocardial ischemia caused by distal coronary-artery constriction in stable angina pectoris. Pupita G, et al. **N Engl J Med** 1990 Aug 23;323(8):514–20
Mortality from diabetes mellitus, ischemic heart disease, and cerebrovascular disease among blacks in a higher income area. Polednak AP. **Public Health Rep** 1990 Jul–Aug; 105(4):393–9

CORONARY VASOSPASM

Comparative sensitivity of intracoronary injection of acetylcholine for the induction of coronary spasm in patients with various types of angina pectoris. Miwa K, et al. **Am Heart J** 1990 Sep;120(3):544–50

CORONARY VESSEL ANOMALIES

Postoperative evaluation after end-to-end subclavian-left coronary artery anastomosis in anomalous left coronary artery. Montigny M, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):270–3

CORONARY VESSELS

Clinical and angiographic recurrence following PTCA for nonacute total occlusions: comparison of one- versus five-minute inflations. DiSciascio G, et al. **Am Heart J** 1990 Sep;120(3):529–32
Coronary collaterals in acute myocardial infarction without underlying coronary stenosis. Edwards RR, et al. **Am Heart J** 1990 Aug;120(2):424–7
Cardiac phase-related variability of border detection or densitometric quantitation of postangioplasty lumens. Katritsis D, et al. **Am Heart J** 1990 Sep;120(3):537–43
Acute ventricular septal rupture: perspectives on the current role of ventriculography and coronary arteriography and their implication for surgical repair. Topaz O, et al. **Am Heart J** 1990 Aug;120(2):412–7 (31 ref.)
Percutaneous fiberoptic angioscopy of the left ventricle in patients with dilated cardiomyopathy and acute myocarditis. Uchida Y, et al. **Am Heart J** 1990 Sep; 120(3):677–87
A comparative study of intraoperative angioscopy and completion arteriography following femorodistal bypass. Baxter BT, et al. **Arch Surg** 1990 Aug;125(8):997–1002
Automated quantitation of indexes of coronary lesion complexity. Comparison between patients with stable and unstable angina. Kalbfleisch SJ, et al. **Circulation** 1990 Aug; 82(2):439–47
Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Rodgers GP, et al. **Circulation** 1990 Aug;82(2):560–9
The effects of adenosine on chest pain and coronary dilation [letter] Sylvén C, et al. **Circulation** 1990 Aug;82(2):662–3
Chest pain with normal coronary angiograms: is the heart innocent or guilty? [comment] Cannon RO 3d. **J Am Coll Cardiol** 1990 Sep;16(3):596–8. Comment on: J Am Coll Cardiol 1990 Sep;16(3):586–95.
Increased myocardial perfusion at rest and diminished perfusion reserve in patients with angina and angiographically normal coronary arteries [see comments] Geltman EM, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):586–95. Comment in: J Am Coll Cardiol 1990 Sep;16(3):596–8.
Angiographic patterns of balloon inflation during percutaneous transluminal coronary angioplasty: role of pressure-diameter curves in studying distensibility and elasticity of the stenotic lesion and the mechanism of dilation [see comments] Hjemdahl-Monsen CE, et al. **J Am Coll Cardiol** 1990 Sep;16(3):569–75. Comment in: J Am Coll Cardiol 1990 Sep;16(3):576–7.
Percutaneous transluminal coronary angioplasty: is what we see what we get? [editorial; comment] Kleiman NS, et al. **J Am Coll Cardiol** 1990 Sep;16(3):576–7. Comment on: J Am Coll Cardiol 1990 Sep;16(3):569–75.
Assessment of "silent" restenosis and long-term follow-up after successful angioplasty in single vessel coronary artery disease: the value of quantitative exercise electrocardiography and quantitative coronary angiography. Laarman G, et al. **J Am Coll Cardiol** 1990 Sep;16(3):578–85
Large coronary arteries in humans are responsive to changing blood flow: an endothelium-dependent mechanism that fails in patients with atherosclerosis [see comments] Nabel EG, et al. **J Am Coll Cardiol** 1990 Aug;16(2):349–56. Comment in: J Am Coll Cardiol 1990 Aug;16(2):357–8.
Coronary excimer laser angioplasty: reduced complications and indium-111 platelet accumulation compared with thermal laser angioplasty. Sanborn TA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):502–6
Evidence for altered epicardial coronary artery autoregulation as a cause of distal coronary vasoconstriction after successful percutaneous transluminal coronary angioplasty. Fischell TA, et al. **J Clin Invest** 1990 Aug;86(2):575–84
Postoperative evaluation after end-to-end subclavian-left coronary artery anastomosis in anomalous left coronary artery. Montigny M, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):270–3
Myocardial ischemia caused by distal coronary-artery constriction in stable angina pectoris. Pupita G, et al. **N Engl J Med** 1990 Aug 23;323(8):514–20

CORONERS AND MEDICAL EXAMINERS

Coroners and allegations of lack of care, UK and Hong Kong. Brahams D. **Lancet** 1990 Sep 1;336(8714):559–60

CORPUS CALLOSUM

Sonographic and pathological features of callosal hypoplasia in non-ketotic hyperglycinaemia. Wariyar UK, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):670–1

CORPUS LUTEUM

The biosynthesis of cholesterol side-chain cleavage cytochrome P-450 in the rabbit corpus luteum depends upon estrogen. Keyes PL, et al. **Endocrinology** 1990 Sep; 127(3):1186–93
Vascular endothelial growth factor is expressed in rat corpus luteum. Phillips HS, et al. **Endocrinology** 1990 Aug; 127(2):965–7

CORPUS STRIATUM

NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. Kordower JH, et al. **J Neurosurg** 1990 Sep;73(3):418–28

CORTICOSTERONE

Differential effects of in vitro glucocorticoids on luteinizing hormone and follicle-stimulating hormone secretion: dependence on sex of pituitary donor. D'Agostino J, et al. **Endocrinology** 1990 Aug;127(2):891–9
Corticosterone, but not glucose, treatment enables fasted adrenalectomized rats to survive moderate hemorrhage. Darlington DN, et al. **Endocrinology** 1990 Aug; 127(2):766–72
Biological activity of the fatty acid ester metabolites of corticoids. Petrazzuoli M, et al. **Endocrinology** 1990 Aug; 127(2):555–9
Adrenalectomy in the neonate: adult-like adrenocortical system responses to both removal and replacement of corticosterone. Walker CD, et al. **Endocrinology** 1990 Aug; 127(2):832–42
Combined effects of tumor necrosis factor-alpha, prostaglandin E2, and corticosterone on induced Ia expression on murine macrophages. Zimmer T, et al. **J Immunol** 1990 Aug 15;145(4):1167–75
Adrenal adenoma with excess secretion of corticosterone and 18-hydroxycorticosterone. Morioka M, et al. **J Urol** 1990 Sep;144(3):731–2
Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis. Hall-Angerås M, et al. **Surgery** 1990 Aug; 108(2):460–6

CORTICOTROPIN-RELEASING HORMONE

Corticotropin-releasing factor is produced by rat Leydig cells and has a major local antireproductive role in the testis. Fabbri A, et al. **Endocrinology** 1990 Sep; 127(3):1541–3
Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Van LP, et al. **Endocrinology** 1990 Sep;127(3):1412–8
Clinical applications of corticotropin releasing hormone. Daughaday WH. **Mayo Clin Proc** 1990 Jul;65(7):1026–8
Ovine corticotropin releasing hormone stimulation test: normal value study. Young WF Jr, et al. **Mayo Clin Proc** 1990 Jul;65(7):943–8

CORYNEBACTERIUM

Selective medium for isolating Arcanobacterium haemolyticum [letter] Brenwald NP, et al. **J Clin Pathol** 1990 Jul;43(7):610
Corynebacteria as urinary pathogens [letter] Maskell R, et al. **J Infect Dis** 1990 Sep;162(3):781–2

CORYNEBACTERIUM DIPHTHERIAE

ACP Broadsheet no 125: July 1990. Bacteriological diagnosis of diphtheria. Brooks R, et al. **J Clin Pathol** 1990 Jul; 43(7):576–80

CORYNEBACTERIUM INFECTIONS

Corynebacteria as urinary pathogens [letter] Maskell R, et al. **J Infect Dis** 1990 Sep;162(3):781–2

COSMETICS

Labelling cosmetics with their ingredients. de Groot AC. **BMJ** 1990 Jun 23;300(6740):1636–8

COST BENEFIT ANALYSIS

Cost-effectiveness of intrapartum screening and treatment for maternal group B streptococci colonization. Strickland DM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):4–8

COSYNTROPIN

Early treatment with ACTH-(1-24) in a rat model of hemorrhagic shock prolongs survival and extends the time-limit for blood reinfusion to be effective. Guarini S, et al. **Crit Care Med** 1990 Aug;18(8):862–5
Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305–10

COTTONSEED OIL

Was the candy really responsible for the anaphylaxis in a

cottonseed-sensitive patient? [letter] Malanin G, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):277-8

COUGH

Tussive effect of fentanyl [letter] Ananthanarayan C. **Anaesthesia** 1990 Jul;45(7):595

COUNSELING

Performance appraisal and career counselling for senior house officers. Ward Platt M, et al. **Arch Dis Child** 1990 Jul;65(7):796-801

Terminal care in general practice [letter] Gunnell DJ. **BMJ** 1990 May 26;300(6736):1400-1

Care of the suddenly bereaved. Yates DW, et al. **BMJ** 1990 Jul 7;301(6742):29-31

COXSACKIE B VIRUSES

Enhancement of coxsackievirus B4 virulence by indomethacin. Khatib R, et al. **J Lab Clin Med** 1990 Jul; 116(1):116-20

COXSACKIEVIRUS INFECTIONS

Enhancement of coxsackievirus B4 virulence by indomethacin. Khatib R, et al. **J Lab Clin Med** 1990 Jul; 116(1):116-20

CRANIAL NERVE NEOPLASMS

Preoperative and postoperative auditory brain-stem response results for patients with eighth-nerve tumors. Bauch CD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1026-9

The solitary schwannoma of the eighth cranial nerve. An immunohistochemical study of the cochlear nerve-tumor interface. Marquet JF, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1023-5

CRANIOPHARYNGIOMA

Nasopharyngeal craniopharyngioma. Case report and literature review. Byrne MN, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):633-9 (34 ref.)

Presentation and management of suprasellar arachnoid cysts. Review of 26 cases. Pierre-Kahn A, et al. **J Neurosurg** 1990 Sep;73(3):355-9

CRANIOSYNOSTOSES

Craniosynostosis and the paediatrician [editorial] Hayward R. **Arch Dis Child** 1990 Jun;65(6):568

CRANIOTOMY

Craniotomy drains and bradycardias [letter] Stokes DN, et al. **Anaesthesia** 1990 Jun;45(6):495-6

Postoperative CT contrast enhancement following lobectomy for epilepsy. Laohaprasit V, et al. **J Neurosurg** 1990 Sep; 73(3):392-5

Total cranial vault reconstruction for parietal encephalocele. Berman DE, et al. **Plast Reconstr Surg** 1990 Sep;86(3):554-7

CREATINE KINASE

Determining the disappearance rate of creatine kinase (CK) in the dog [letter] Roberts R. **Circulation** 1990 Aug; 82(2):661-2

CREATINE KINASE ISOENZYMES

Effects of ritodrine tocolysis on cardiac isozymes and electrocardiography [letter] Hendricks SK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):699-701

The diagnostic and prognostic value of pretreatment serum creatine kinase BB levels in patients with neuroblastoma. Ishiguro Y, et al. **Cancer** 1990 May 1;65(9):2014-9

Chest pain and increased CK-MB enzyme levels [clinical conference] Georgiou D, et al. **Chest** 1990 Aug;98(2):442-7

CREATININE

Flucytosine interference in creatinine assay [letter] Bennett JE, et al. **J Infect Dis** 1990 Aug;162(2):571-2

CREATIVENESS

The nursing shortage: dynamics and solutions. The art of creative solutions. Cournoyer PR. **Nurs Clin North Am** 1990 Sep;25(3):581-6 (21 ref.)

CREDENTIALING

Medical specialty credentialing in the United States. Langsley DG. **Clin Orthop** 1990 Aug;(257):22-8

The development of test specifications for the registration examinations. Webb LC, et al. **J Am Diet Assoc** 1990 Aug; 90(8):1134-5

Beyond the RD. Wellman NS, et al. **J Am Diet Assoc** 1990 Aug;90(8):1117-21

CRIME

Judicial amputation and human rights [letter] **Lancet** 1990 Sep 1;336(8714):572

CRITICAL CARE

Critical care medicine certification and pulmonary disease trainees [editorial] Rogers RM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):495-6

The future of critical care medicine within emergency medicine. American College of Emergency Physicians. **Ann Emerg Med** 1990 Jul;19(7):832-5

Diminished reactive hyperemia in the skin of critically ill patients. Haisjackl M, et al. **Crit Care Med** 1990 Aug; 18(8):813-8

Surgical critical care. Wisner DH, et al. **Curr Probl Surg** 1990 Aug;27(8):465-569 (211 ref.)

A computerized simulator for critical-care training: new technology for medical education. Saliterman SS. **Mayo Clin Proc** 1990 Jul;65(7):968-78

CROHN DISEASE

Life-threatening diarrhea after short-term misoprostol use in a patient with Crohn ileocolitis. Kornbluth A, et al. **Ann Intern Med** 1990 Sep 15;113(6):474-5

Growth after gut resection for Crohn's disease. McLain BI, et al. **Arch Dis Child** 1990 Jul;65(7):760-2

Renographic monitoring of renal function in patients with Crohn's disease treated with low dose cyclosporin: a controlled study. Brynskov J, et al. **BMJ** 1990 Jun 2; 300(6737):1438-9

Response to faecal challenge in defunctioned colonic Crohn's disease: prediction of long-term course. Fasoli R, et al. **Br J Surg** 1990 Jun;77(6):616-7

Reactivity of aggregated immunoglobulin in Crohn's disease [letter] Das KM. **Gastroenterology** 1990 Sep;99(3):904-5

Elemental versus polymeric feeding in patients with Crohn's disease--is there really a winner? Klein S. **Gastroenterology** 1990 Sep;99(3):893-4

Role of interleukin 1 in inflammatory bowel disease--enhanced production during active disease. Ligumsky M, et al. **Gut** 1990 Jun;31(6):686-9

CROSS-CULTURAL COMPARISON

"Abandoned" parents. Loss of traditional family support systems. A challenge for health professionals. Porter B. **Clin Pediatr (Phila)** 1990 Jul;29(7):401-4

CROSS INFECTION

Dodging droplet nuclei. Reducing the probability of nosocomial tuberculosis transmission in the AIDS era [editorial] Nardell EA. **Am Rev Respir Dis** 1990 Sep; 142(3):501-3

Incidence, risk, and prognosis factors of nosocomial pneumonia in mechanically ventilated patients. Torres A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):523-8

Decontamination of instruments and control of cross infection in general practice. Morgan DR, et al. **BMJ** 1990 May 26;300(6736):1379-80

Nosocomial sinusitis in pediatric intensive care patients [letter] Guerin JM, et al. **Crit Care Med** 1990 Aug;18(8):902

Risk factors for Clostridium difficile carriage and C. difficile-associated diarrhea in a cohort of hospitalized patients. McFarland LV, et al. **J Infect Dis** 1990 Sep; 162(3):678-84

Characterization of a widespread strain of methicillin-susceptible Staphylococcus aureus associated with nosocomial infections. McMurray LW, et al. **J Infect Dis** 1990 Sep;162(3):759-62

Anti-HCV positive patients in dialysis units? [letter] **Lancet** 1990 Jul 28;336(8709):243-4

Doctors with HIV [news] **Lancet** 1990 Aug 18;336(8712):432

Outbreaks of drug-resistant tuberculosis at AIDS centre [letter] Pitchenik AE, et al. **Lancet** 1990 Aug 18; 336(8712):440-1

CRUTCHES

The orthopaedic scooter. An energy-saving aid for assisted ambulation. Roberts P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):620-1

Energy cost, exercise intensity, and gait efficiency of standard versus rocker-bottom axillary crutch walking. Nielsen DH, et al. **Phys Ther** 1990 Aug;70(8):487-93

CRYOGLOBULINEMIA

Hepatitis C virus in patients with cryoglobulinemia type II [letter] Pascual M, et al. **J Infect Dis** 1990 Aug;162(2):569-7

CRYOPRESERVATION

Therapeutic donor insemination with frozen semen. Scott SG, et al. **Can Med Assoc J** 1990 Aug 15;143(4):273-8

Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Lazar HL, et al. **Surgery** 1990 Aug;108(2):423-9; discussion 429-30

CRYOSURGERY

New approaches to treatment of incessant ventricular tachycardia in the very young. Zeigler VL, et al. **J Am Coll Cardiol** 1990 Sep;16(3):681-5

Cryosurgical denervation of the heart: acute and chronic effects. Douglas JM Jr, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):198-209

CRYPTOCOCCOSIS

Rostral basilar reversible ischemic neurologic deficit in an HIV-infected patient with cryptococcal meningitis [letter] Rafal RD, et al. **Am J Med** 1990 Aug;89(2):248-9

Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183-7

Reversible hearing loss in a patient with cryptococcosis. Mayer JM, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):962-4

Cumulative positivity rates of multiple blood cultures for Mycobacterium avium-intracellulare and Cryptococcus neoformans in patients with the acquired immunodeficiency syndrome. Yagupsky P, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):923-5

CRYPTORCHISM

Infarcted undescended testis appearing as a calcified abdominal mass in an adult. Wilbur AC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):547-8

Microvascular autotransplantation of the intra-abdominal testis. Harrison CB, et al. **J Urol** 1990 Aug;144(2 Pt 2):506-7; discussion 512-3

Efficacy of orchiopexy by patient age 1 year for cryptorchidism. Kogan SJ, et al. **J Urol** 1990 Aug;144(2 Pt 2):508-9; discussion 512-3

The flow cytometric analysis of undescended testes in children. Ring KS, et al. **J Urol** 1990 Aug;144(2 Pt 2):494-8; discussion 512-3

CRYPTOSPORIDIOSIS

Extended spectrum of symptoms in cryptosporidiosis [letter] Flanigan TP, et al. **Am J Med** 1990 Aug;89(2):252

Cryptosporidiosis and acute leukemia [letter] Heaton P. **Arch Dis Child** 1990 Jul;65(7):813-4

Protracted enteric cryptosporidial infection in selective immunoglobulin A and saccharomyces opsonin deficiencies. Jacyna MR, et al. **Gut** 1990 Jun;31(6):714-6

The role of humoral immunity in Cryptosporidium spp. infection. Studies with B cell-depleted mice. Taghi-Kilani R, et al. **J Immunol** 1990 Sep 1;145(5):1571-6

CRYSTALLINS

Dementia with beta-amyloid deposition: involvement of alpha B-crystallin supports two main diseases [letter] Lowe J, et al. **Lancet** 1990 Aug 25;336(8713):515-6

CURRICULUM

Priorities for nutrition content within a medical school curriculum: a national consensus of medical educators. American Society for Clinical Nutrition Committee on Medical/Dental School and Residency Nutrition Education. **Acad Med** 1990 Aug;65(8):538-40

The problem-based curriculum at Bowman Gray School of Medicine. Philp JR, et al. **Acad Med** 1990 Jun;65(6):363-4

Geriatrics in residency programs. Reuben DB, et al. **Acad Med** 1990 Jun;65(6):382-7

Recommended core educational guidelines on rheumatology for family practice residents. **Am Fam Physician** 1990 Aug; 42(2):495-7

Surgery in the undergraduate curriculum--a statement by the Association of Professors of Surgery. Taylor I, et al. **Br J Surg** 1990 Jul;77(7):822-3

The nursing shortage: dynamics and solutions. The three R's: recruitment, restructuring the environment, and reformulating the curriculum. Regan PF. **Nurs Clin North Am** 1990 Sep;25(3):517-24

Medical ignorance, AIDS-Kaposi's sarcoma complex, and the lymphatic system [see comments] Witte MH, et al. **West J Med** 1990 Jul;153(1):17-23. Comment in: West J Med 1990 Jul;153(1):76-7.

CUSHING'S SYNDROME

Cushing's syndrome and medroxyprogesterone acetate [letter] Grenfell A, et al. **Lancet** 1990 Jul 28;336(8709):256

Fatal pulmonary thromboembolism after successful transsphenoidal hypophysectomy for Cushing's disease. Jackson JA, et al. **South Med J** 1990 Aug;83(8):960-2

CYANIDES

Studies of cobalamin as a vehicle for the renal excretion of cyanide anion. Williams HL, et al. **J Lab Clin Med** 1990 Jul;116(1):37-44

CYANOSIS

Prolonged survival despite severe cyanosis in an adult with

right ventricular hypoplasia and atrial septal defect. Karalis DG, et al. **Am Heart J** 1990 Sep;120(3):701-3

CYCLOHEXIMIDE

MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. St.-Pierre Y, et al. **J Immunol** 1990 Aug 1; 145(3):812-8

CYCLOPENTANES

MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. St.-Pierre Y, et al. **J Immunol** 1990 Aug 1; 145(3):812-8

CYCLOPHOSPHAMIDE

High-dose etoposide and cyclophosphamide without bone marrow transplantation for resistant hematologic malignancy. Brown RA, et al. **Blood** 1990 Aug 1; 76(3):473-9

The effects of tumor necrosis factor-alpha on early human hematopoietic progenitor cells treated with 4-hydroperoxycyclophosphamide. Moreb J, et al. **Blood** 1990 Aug 15;76(4):681-9

Long-term cardiac sequelae after treatment of malignant tumors with radiotherapy or cytostatics in childhood. Mäkinen L, et al. **Cancer** 1990 May 1;65(9):1913-7

Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Mitchell IC, et al. **Gut** 1990 Jun;31(6):674-8

Sequential mechanisms of cyclophosphamide-induced skin allograft tolerance including the intrathymic clonal deletion followed by late breakdown of the clonal deletion. Eto M, et al. **J Immunol** 1990 Sep 1;145(5):1303-10

Cyclophosphamide for chronic relapsing thrombotic thrombocytopenic purpura [letter] Bird JM, et al. **Lancet** 1990 Sep 1;336(8714):565-6

Cyclophosphamide versus ifosfamide in paediatric oncology [letter] Kushner BH, et al. **Lancet** 1990 Jul 28; 336(8709):253-4

CYCLOSPORINS

Vascular effects of cyclosporine A in vivo and in vitro. Ferns G, et al. **Am J Pathol** 1990 Aug;137(2):403-13

Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Kramer MR, et al. **Ann Intern Med** 1990 Aug 15;113(4):327-9

Renographic monitoring of renal function in patients with Crohn's disease treated with low dose cyclosporin: a controlled study. Brynskov J, et al. **BMJ** 1990 Jun 2; 300(6737):1438-9

Cyclosporin A exerts a cytostatic effect in vivo on human and murine epithelial cells. Ramirez-Bosca A, et al. **Cancer** 1990 Sep 1;66(5):936-40

The erythromycin breath test as a predictor of cyclosporine blood levels. Watkins PB, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):120-9

Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Mitchell IC, et al. **Gut** 1990 Jun;31(6):674-8

A comparison of 2 protocols for living-related renal transplantation in children: donor-specific transfusions versus cyclosporine. Leone MR, et al. **J Urol** 1990 Sep; 144(3):721-3

Cyclosporin treatment for severe active ulcerative colitis [letter] Porro GB, et al. **Lancet** 1990 Aug 18;336(8712):439

Cyclosporine, sympathetic activity, and hypertension [editorial; comment] Mark AL. **N Engl J Med** 1990 Sep 13;323(11):748-50. Comment on: N Engl J Med 1990 Seo 13;323(11):693-9.

Cyclosporine-induced sympathetic activation and hypertension after heart transplantation [see comments] Scherrer U, et al. **N Engl J Med** 1990 Sep 13;323(11):693-9 . Comment in: N Engl J Med 1990 Sep 13;323(11):748-50.

Aerosolized cyclosporine as single-agent immunotherapy in canine lung allografts. Dowling RD, et al. **Surgery** 1990 Aug;108(2):198-204; discussion 204-5

CYLINDROMA

Submandibular gland tumors. Adverse histologic factors and therapeutic implications. Weber RS, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1055-60

CYPROHEPTADINE

Lack of subsensitivity to loratadine during long-term dosing during 12 weeks. Bousquet J, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):248-53

CYPROTERONE

Deep venous thrombosis and antibodies to cyproterone acetate [letter] Leroy O, et al. **Lancet** 1990 Aug 25; 336(8713):509

CYSTADENOCARCINOMA

Nonmucinous, glycogen-poor cystadenocarcinoma of the pancreas. Friedman HD. **Arch Pathol Lab Med** 1990 Aug; 114(8):888-91

CYSTADENOMA

Papillary cystadenoma of the broad ligament in von Hippel-Lindau disease. Korn WT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):596-8

CYSTATINS

Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Vinters HV, et al. **Am J Pathol** 1990 Aug;137(2):233-40

CYSTECTOMY

Urethral recurrence following radical cystectomy. Hardeman SW, et al. **J Urol** 1990 Sep;144(3):666-9

The role of radical cystectomy in the management of high grade superficial bladder cancer (PA, P1, PIS and P2). Malkowicz SB, et al. **J Urol** 1990 Sep;144(3):641-5

Failure of combined supratrigonal cystectomy and Mainz ileocecocystoplasty in intractable interstitial cystitis: is histology and mast cell count a reliable predictor for the outcome of surgery? Nielsen KK, et al. **J Urol** 1990 Aug; 144(2 Pt 1):255-8; discussion 258-9

CYSTEINE PROTEINASES

Definition of the complete Schistosoma mansoni hemoglobinase mRNA sequence and gene expression in developing parasites. el Meanawy MA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):67-78

CYSTIC ADENOMATOID MALFORMATION OF LUNG, CONGENITAL

Respiratory problems and cystic adenomatoid malformation of lung. Walker J, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):649-50

CYSTIC DUCT

Management of the Mirizzi syndrome and the surgical implications of cholecystcholedochal fistula. Baer HU, et al. **Br J Surg** 1990 Jul;77(7):743-5

Ablation of the cystic duct and gallbladder: clinical observations. Becker CD, et al. **Radiology** 1990 Sep; 176(3):687-90

CYSTIC FIBROSIS

Body composition of adult cystic fibrosis patients and control subjects as determined by densitometry, bioelectrical impedance, total-body electrical conductivity, skinfold measurements, and deuterium oxide dilution. Newby MJ, et al. **Am J Clin Nutr** 1990 Aug;52(2):209-13

Increased levels of interleukin-1 in bronchoalveolar washings from children with bacterial pulmonary infections. Wilmott RW, et al. **Am Rev Respir Dis** 1990 Aug;142(2):365-8

Excessive faecal losses of vitamin A (retinol) in cystic fibrosis. Ahmed F, et al. **Arch Dis Child** 1990 Jun;65(6):589-93

Fluorescein dilaurate test of exocrine pancreatic function in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jul; 65(7):788-9

Small intestinal permeability and orocaecal transit time in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jun; 65(6):585-8

Pseudo-Bartter's syndrome in cystic fibrosis. Kennedy JD, et al. **Arch Dis Child** 1990 Jul;65(7):786-7

Non-invasive assessment of intraluminal lipolysis using a 13CO2 breath test. Murphy MS, et al. **Arch Dis Child** 1990 Jun;65(6):574-8

Nutrition in cystic fibrosis [letter] Taylor CJ, et al. **Arch Dis Child** 1990 Jun;65(6):646-7

Two enteric coated microspheres in cystic fibrosis. Williams J, et al. **Arch Dis Child** 1990 Jun;65(6):594-7

Psoriatic or cystic fibrosis arthropathy? Difficulty with diagnosis and management. Benjamin CM, et al. **Br J Rheumatol** 1990 Aug;29(4):301-2

Pseudomonas aeruginosa empyema in an adult with cystic fibrosis. Mestitz H, et al. **Chest** 1990 Aug;98(2):485-7

Effects of ursodeoxycholic acid treatment on nutrition and liver function in patients with cystic fibrosis and longstanding cholestasis. Cotting J, et al. **Gut** 1990 Aug; 31(8):918-21

Antibody response of fibrocystic patients to homologous 0-typable and 0-defective isolates of Pseudomonas aeruginosa. MacDougall J, et al. **J Clin Pathol** 1990 Jul; 43(7):567-71

Clinical manifestations of exacerbations of cystic fibrosis associated with nonbacterial infections. Pribble CG, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):200-4

Cystic fibrosis: closing the gap [editorial] **Lancet** 1990 Sep 1;336(8714):539-40

Diet, cystic fibrosis, and diabetes: making friends with the perfect enemy [letter] Sheehan JP, et al. **Lancet** 1990 Aug 25;336(8713):501

Preconception genetic diagnosis of cystic fibrosis [letter] Strom CM, et al. **Lancet** 1990 Aug 4;336(8710):306-7

Perforation of colon in distal intestinal syndrome of cystic fibrosis [letter] Whitehead AM. **Lancet** 1990 Aug 18; 336(8712):446

A simple assay for the screening of the cystic fibrosis allele in carriers of the Phe508 deletion mutation. Chong GL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1072-6

Diabetes mellitus in patients with cystic fibrosis: effect on survival. Reisman J, et al. **Pediatrics** 1990 Sep;86(3):374-7

CYSTICERCOSIS

Prevalence and comparison of serologic assays, necropsy, and tongue examination for the diagnosis of porcine cysticercosis in Peru. Gonzalez AE, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):194-9

Immunodiagnosis of human cysticercosis in cerebrospinal fluid. Antigens from murine Taenia crassiceps cysticerci effectively substitute those from porcine Taenia solium. Larralde C, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):926-8

CYSTINOSIS

Swallowing dysfunction in nephropathic cystinosis. Sonies BC, et al. **N Engl J Med** 1990 Aug 30;323(9):565-70

CYSTITIS

Eosinophilic cystitis in a renal allograft recipient. Horner SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):342-3

Failure of combined supratrigonal cystectomy and Mainz ileocecocystoplasty in intractable interstitial cystitis: is histology and mast cell count a reliable predictor for the outcome of surgery? Nielsen KK, et al. **J Urol** 1990 Aug; 144(2 Pt 1):255-8; discussion 258-9

CYSTOSARCOMA PHYLLODES

Flow cytometric S fraction as a predictor of clinical outcome in cystosarcoma phyllodes. Palko MJ, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):949-52

Use of thermography in the differential diagnosis of phylloides tumour. Pierart J, et al. **Br J Surg** 1990 Jul; 77(7):783-4

CYSTS

Midline cyst of the prostate [letter] Sener RN, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):656-7

Large atrial septal aneurysm mimicking a cystic right atrial mass. Smith AJ, et al. **Am Heart J** 1990 Sep;120(3):714-6

Pseudocyst of the auricle [letter] Cohen PR, et al. **Am J Med** 1990 Aug;89(2):249-50 (8 ref.)

Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Bardeguez A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):42-5

Large cystic granulosa cell tumor: case report. Choi CH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):74-6

Spontaneous resolution of a nuchal fetal cystic hygroma diagnosed early in the second trimester of pregnancy [letter] Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):267-9

Symptomatic neuroepithelial (colloid) cysts of the third ventricle. A unique case report in nontwin brothers. Bengtson BP, et al. **Cancer** 1990 Aug 15;66(4):779-85

Arthroscopic treatment of cysts of the menisci. A preliminary report. Parisien JS. **Clin Orthop** 1990 Aug;(257):154-8

Nasopharyngeal cyst simulating Kaposi's sarcoma in an HIV-infected patient. Harrison HC, et al. **J Laryngol Otol** 1990 Jun;104(6):498-500

Cystic dilatations within the pelvis in patients with ipsilateral renal agenesis or dysplasia. Sheih CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):324-7

Hepatic cysts in autosomal dominant polycystic kidney disease. Everson GT. **Mayo Clin Proc** 1990 Jul;65(7):1020-5 (16 ref.)

Hepatic cyst infection in autosomal dominant polycystic kidney disease. Telenti A, et al. **Mayo Clin Proc** 1990 Jul; 65(7):933-42 (31 ref.)

CYTARABINE

High-dose chemotherapy and autologous bone marrow transplantation in acute myeloid leukemia. McMillan AK, et al. **Blood** 1990 Aug 1;76(3):480-8

CYTOCHROME C

Regulation and development of cytochrome c-specific IL-4-producing T cells. Betz M, et al. **J Immunol** 1990 Aug 15;145(4):1046-52

CYTOCHROME OXIDASE

Cytochrome oxidase deficiency in Alzheimer's disease. Parker WD Jr, et al. **Neurology** 1990 Aug;40(8):1302-3

CYTOCHROME P-450

Immunodetectable cytochromes P450 I, II, and III in guinea pig adrenal—hormone responsiveness and relationship to capacity for xenobiotic metabolism. Black VH. **Endocrinology** 1990 Sep;127(3):1153-9

Omeprazole is an aryl hydrocarbon-like inducer of human hepatic cytochrome P450 [see comments] Diaz D, et al. **Gastroenterology** 1990 Sep;99(3):737-47. Comment in: Gastroenterology 1990 Sep;99(3):885-9.

Human cytochrome P450 isoforms. Their genetic heterogeneity and induction by omeprazole [comment] Farrell GC, et al. **Gastroenterology** 1990 Sep;99(3):885-9 (40 ref.). Comment on: Gastroenterology 1990 Sep;99(3):737-47.

CYTOMEGALIC INCLUSION DISEASE

Prenatal diagnosis of congenital cytomegalovirus infection: two decades later. Grose C, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):447-50

Prevention of foscarnet nephrotoxicity [letter] Deray G, et al. **Ann Intern Med** 1990 Aug 15;113(4):332

Acute ulcerative proctocolitis associated with primary cytomegalovirus infection. Diepersloot RJ, et al. **Arch Intern Med** 1990 Aug;150(8):1749-51

Statistical power and polyvalent immunoglobulin [letter] Whittle J. **Arch Intern Med** 1990 Aug;150(8):1760

Murine cytomegalovirus infection can enhance hybrid resistance through modulation of host natural killer activity. Muluk SC, et al. **J Immunol** 1990 Aug 15; 145(4):1113-9

Cytomegalovirus excretion as a predictor of cytomegalovirus disease after marrow transplantation: importance of cytomegalovirus viremia. Meyers JD, et al. **J Infect Dis** 1990 Aug;162(2):373-80

CYTOMEGALOVIRUSES

Prenatal diagnosis of congenital cytomegalovirus infection: two decades later. Grose C, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):447-50

Differentiation of cytomegalovirus strains by restriction analysis of DNA sequences amplified from clinical specimens. Chou SW. **J Infect Dis** 1990 Sep;162(3):738-42

Cytomegalovirus excretion as a predictor of cytomegalovirus disease after marrow transplantation: importance of cytomegalovirus viremia. Meyers JD, et al. **J Infect Dis** 1990 Aug;162(2):373-80

The effect of human cytomegalovirus on the production and biologic action of interleukin-1. Moses AV, et al. **J Infect Dis** 1990 Aug;162(2):381-8

CYTOPLASM

Role of testing for anticytoplasmic autoantibodies in the differential diagnosis of scleritis and orbital pseudotumor. Kalina PH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1110-7

Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps. Swallow CJ, et al. **Surgery** 1990 Aug;108(2):363-8; discussion 368-9

CYTOPLASMIC GRANULES

Growth factor-initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non-cytolysin cytotoxin in natural killer granules. Khalil N, et al. **J Immunol** 1990 Aug 15;145(4):1286-92

False-positive autoantibodies in HIV infection [letter] Davenport A, et al. **Lancet** 1990 Aug 4;336(8710):317-8

Dementia with beta-amyloid deposition: involvement of alpha B-crystallin supports two main diseases [letter] Lowe J, et al. **Lancet** 1990 Aug 25;336(8713):515-6

CYTOSKELETON

Dissimilar expression of axonemal anomalies in respiratory cilia and sperm flagella in infertile men. Escudier E, et al. **Am Rev Respir Dis** 1990 Sep;142(3):674-9

CYTOSOL

A neutrophil GTP-binding protein that regulates cell free NADPH oxidase activation is located in the cytosolic fraction. Gabig TG, et al. **J Immunol** 1990 Aug 1; 145(3):945-51

The effect of cardiac hypertrophy on changes in cytosolic free calcium concentration during ischemia. del Nido PJ, et al. **Surgery** 1990 Aug;108(2):312-6; discussion 316-7

CYTOTOXICITY, IMMUNOLOGIC

Activation of C3H/HeJ macrophage tumoricidal activity and cytokine release by R-chemotype lipopolysaccharide preparations. Differential effects of IFN-gamma. Flebbe LM, et al. **J Immunol** 1990 Sep 1;145(5):1505-11

Increased sensitivity to MHC-nonrestricted lysis of BL6 melanoma cells by transfection with class I H-2Kb gene. Gorelik E, et al. **J Immunol** 1990 Sep 1;145(5):1621-32

Growth factor-initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non-cytolysin cytotoxin in natural killer granules. Khalil N, et al. **J Immunol** 1990 Aug 15;145(4):1286-92

Transmembrane signaling during natural killer cell-mediated cytotoxicity. Regulation by protein kinase C activation. Leibson PJ, et al. **J Immunol** 1990 Sep 1;145(5):1498-504

Bovine natural killer-like cell responses against cell lines expressing recombinant bovine herpesvirus type 1 glycoproteins. Palmer LD, et al. **J Immunol** 1990 Aug 1; 145(3):1009-14

Free fatty acids inhibit cytotoxic T lymphocyte-mediated lysis of allogeneic target cells. Richieri GV, et al. **J Immunol** 1990 Aug 15;145(4):1074-7

Human Kupffer cells are cytotoxic against human colon adenocarcinoma. Roh MS, et al. **Surgery** 1990 Aug; 108(2):400-4; discussion 404-5

CYTOTOXINS

New insights into the haemolytic uraemic syndromes. Milford DV, et al. **Arch Dis Child** 1990 Jul;65(7):713-5 (29 ref.)

Growth factor-initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non-cytolysin cytotoxin in natural killer granules. Khalil N, et al. **J Immunol** 1990 Aug 15;145(4):1286-92

DACRYOCYSTORHINOSTOMY

Endonasal laser dacryocystorhinostomy. A new approach to nasolacrimal duct obstruction. Massaro BM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1172-6

Endoscopic intranasal dacryocystorhinostomy results in four patients. Rice DH. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1061

DANCING

Achilles tendinitis in ballet dancers. Fernández-Palazzi F, et al. **Clin Orthop** 1990 Aug;(257):257-61

Intracerebral hemorrhage after break dancing [letter] Lee KC, et al. **N Engl J Med** 1990 Aug 30;323(9):615-6

DATA COLLECTION

Atrioventricular septal defect correction caveats [letter] Sissman NJ. **Am J Dis Child** 1990 Aug;144(8):849-50

DATA DISPLAY

Definition of terms used to judge the efficacy of diagnostic tests: a graphic approach. Brismar J, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):621-3

DATA INTERPRETATION, STATISTICAL

Statistical power and polyvalent immunoglobulin [letter] Whittle J. **Arch Intern Med** 1990 Aug;150(8):1760

Type 3 and type 4 errors in the statistical evaluation of clinical trials. Robin ED, et al. **Chest** 1990 Aug;98(2):463-5

Power analysis and clinical significance [letter] Corey GA. **J Fam Pract** 1990 Aug;31(2):122, 212

DAUNORUBICIN

High-dose chemotherapy and autologous bone marrow transplantation in acute myeloid leukemia. McMillan AK, et al. **Blood** 1990 Aug 1;76(3):480-8

DAY CARE

Partial hospitalization and psychotic patients [letter] Olfson M. **Am J Psychiatry** 1990 Sep;147(9):1255-6

DE LANGE'S SYNDROME

Cornelia de Lange syndrome. Otolaryngologic manifestations. Sataloff RT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1044-6

DEAFNESS

Cornelia de Lange syndrome. Otolaryngologic manifestations. Sataloff RT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1044-6

Screening of school aged children [letter] Bannon MJ. **BMJ** 1990 Jun 9;300(6738):1528

DEAFNESS, SUDDEN

Polyarteritis nodosa presenting as bilateral sudden onset cochleo-vestibular failure in a young woman. Rowe-Jones JM, et al. **J Laryngol Otol** 1990 Jul;104(7):562-4 (14 ref.)

DEATH, SUDDEN

Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Aronow WS, et al. **Am J Cardiol** 1990 Aug 15;66(4):423-8

Sudden cardiac death in children [comment] Klitzner TS. **Circulation** 1990 Aug;82(2):629-32 (42 ref.). Comment on: Circulation 1990 Aug;82(2):341-9.

Assessment and follow-up of pediatric survivors of sudden cardiac death [see comments] Silka MJ, et al. **Circulation** 1990 Aug;82(2):341-9. Comment in: Circulation 1990 Aug;82(2):629-32.

Management of survivors of cardiac arrest: is electrophysiologic testing obsolete in the era of implantable defibrillators? [comment] Kim SG. **J Am Coll Cardiol** 1990 Sep;16(3):756-62 (48 ref.). Comment on: J Am Coll Cardiol 1990 Sep;16(3):657-65.

DECIDUA

Three distinct forms of insulin-like growth factor binding proteins are released by decidual cells in culture. Clemmons DR, et al. **Endocrinology** 1990 Aug;127(2):643-50

Presence and synthesis of inhibin subunits in human decidua. Petraglia F, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):487-92

DECISION MAKING

Impact of medical hospitalization on treatment decision-making capacity in the elderly. Fitten LJ, et al. **Arch Intern Med** 1990 Aug;150(8):1717-21

Strategic decision making. Nagelkerk JM, et al. **J Nurs Adm** 1990 Jul-Aug;20(7-8):18-23

Clinical decision making: from theory to practice. What do we do about costs? Eddy DM. **JAMA** 1990 Sep 5; 264(9):1161, 1165, 1169-70

Uses of data to plan cancer prevention and control programs. Boss LP, et al. **Public Health Rep** 1990 Jul-Aug; 105(4):354-60

DECISION SUPPORT TECHNICS

Factors influencing choice of procedure in transposition of the great arteries: a decision analysis approach. Danford DA. **J Am Coll Cardiol** 1990 Aug;16(2):471-5

Decision analysis for management of solitary pulmonary nodules [letter] Lillington GA. **Mayo Clin Proc** 1990 Jul; 65(7):1029-30

DECISION TREES

Choice of treatment for stage I floor-of-mouth cancer. A decision analysis. Velanovich V. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):951-6

DECOMPRESSION

Should abdominal decompression be consigned to the history books? [editorial] Hofmeyr GJ. **Br J Obstet Gynaecol** 1990 Jun;97(6):467-9

Abdominal decompression: new data from a previous study. Hofmeyr GJ, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):547-8

DECOMPRESSION SICKNESS

Right-to-left shunt and neurological decompression sickness in divers [letter] Cross SJ, et al. **Lancet** 1990 Sep 1; 336(8714):568

DECUBITUS ULCER

Blood flow in the gluteus maximus of seated individuals during electrical muscle stimulation. Levine SP, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):682-6

Preventing pressure sores [letter] Welch CB. **BMJ** 1990 May 26;300(6736):1401

Prevention of pressure sores [letter] Morris AM. **Lancet** 1990 Jul 28;336(8709):260

Decubitus ulcers [letter] Rousseau P. **Postgrad Med** 1990 Aug;88(2):53

DEFECATION

Control of defecation in patients with spinal injuries by stimulation of sacral anterior nerve roots. MacDonagh RP, et al. **BMJ** 1990 Jun 9;300(6738):1494-7

DEFEROXAMINE

Toxic effects associated with the administration of deferoxamine in the premature baboon with hyaline membrane disease. deLemos RA, et al. **Am J Dis Child** 1990 Aug;144(8):915-9

Vision and hearing during deferoxamine therapy. Cohen A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):326-30

Effect of age at the start of iron chelation therapy on gonadal function in beta-thalassemia major. Bronspiegel-Weintrob N, et al. **N Engl J Med** 1990 Sep 13;323(11):713-9

DEGLUTITION

Deglutition after near-fatal choking episode: radiologic evaluation. Feinberg MJ, et al. **Radiology** 1990 Sep; 176(3):637-40

DEGLUTITION DISORDERS

Dysphagia caused by acute leukemic infiltration of the esophagus [letter] Thompson BC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):654

Acute symptoms due to a huge duplication cyst ruptured into the esophagus. Nakahara K, et al. **Ann Thorac Surg** 1990 Aug;50(2):309–11
Gastroesophageal reflux as a pathogenic factor in the development of symptomatic lower esophageal rings. Marshall JB, et al. **Arch Intern Med** 1990 Aug; 150(8):1669–72
Peristaltic dysfunction associated with nonobstructive dysphagia in reflux disease. Jacob P, et al. **Dig Dis Sci** 1990 Aug;35(8):939–42
Swallowing dysfunction in nephropathic cystinosis. Sonies BC, et al. **N Engl J Med** 1990 Aug 30;323(9):565–70
Oropharynx in patients with cerebrovascular disease: evaluation with videofluoroscopy. Chen MY, et al. **Radiology** 1990 Sep;176(3):641–3
Deglutition after near-fatal choking episode: radiologic evaluation. Feinberg MJ, et al. **Radiology** 1990 Sep; 176(3):637–40

DEHYDROEPIANDROSTERONE

Dehydroepiandrosterone sulphate in Alzheimer's disease [letter] **Lancet** 1990 Aug 18;336(8712):449–50

DEINSTITUTIONALIZATION

Second-generation deinstitutionalization, I: The impact of Brewster v. Dukakis on state hospital case mix. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):982–7
Second-generation deinstitutionalization, II: The impact of Brewster v. Dukakis on correlates of community and hospital utilization. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):988–93

DELIRIUM

Delirium in the elderly hospitalized patient. Jahnigen DW. **Hosp Pract [Off]** 1990 Aug 15;25(8):135–9, 142, 152 passim

DELIVERY

Vaginal birth after cesarean section: an appraisal of the reappraisal [letter] Flamm BL. **Am J Obstet Gynecol** 1990 Aug;163(2):691–2
Cerebral palsy and intrapartum fetal acidemia [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):266–7
Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Manabe Y, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):52–6
Cost-effectiveness of intrapartum screening and treatment for maternal group B streptococci colonization. Strickland DM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):4–8
Obstetric accidents [letter] **BMJ** 1990 Jun 23; 300(6740):1651–2
Patient selection and outcomes for out-of-hospital births in one family practice [see comments] Acheson LS, et al. **J Fam Pract** 1990 Aug;31(2):128–36. Comment in: J Fam Pract 1990 Aug;31(2):125–7.
Low-intervention maternity care [comment] Rooks JP. **J Fam Pract** 1990 Aug;31(2):125–7. Comment on: J Fam Pract 1990 Aug;31(2):128–36.
The second twin [editorial] **Lancet** 1990 Aug 4;336(8710):284
Maternal group B streptococcal vertebral osteomyelitis: an unusual complication of vaginal delivery. Lischke JH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):489–91
The biophysical profile in labor. Sassoon DA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):360–5

DELIVERY OF HEALTH CARE

Healthcare reform. Boston CM. **J Nurs Adm** 1990 Jul–Aug; 20(7–8):8–9
Dreams, dollars, and deeds. The sacred fire and health access America. Tupper CJ. **JAMA** 1990 Sep 5;264(9):1150–2
Healthcare crisis. As I see it. What would you do to fix our critically ill healthcare system? **Postgrad Med** 1990 Aug; 88(2):25

DELTA AGENT

Contrasting prevalence of delta hepatitis markers in parenteral drug abusers with and without AIDS. Kreek MJ, et al. **J Infect Dis** 1990 Aug;162(2):538–41

DELTA INFECTION

Contrasting prevalence of delta hepatitis markers in parenteral drug abusers with and without AIDS. Kreek MJ, et al. **J Infect Dis** 1990 Aug;162(2):538–41
Acute delta hepatitis during treatment with adenosine arabinoside monophosphate with resolution of the HBsAg carrier state. Garcia G, et al. **West J Med** 1990 Jul; 153(1):80–2

DELUSIONS

Erotomania and senile dementia [letter] Carrier L. **Am J Psychiatry** 1990 Aug;147(8):1092
Delusional bovine spongiform encephalopathy [letter] Lovestone S. **Lancet** 1990 Sep 1;336(8714):565

DEMENTIA

Lorazepam treatment of resistive aggression in dementia [letter] Fritz J, et al. **Am J Psychiatry** 1990 Sep;147(9):1250
Positron emission tomographic scanning demonstrates a presynaptic dopaminergic lesion in Lytico-Bodig. The amyotrophic lateral sclerosis-parkinsonism-dementia complex of Guam. Snow BJ, et al. **Arch Neurol** 1990 Aug; 47(8):870–4
Toluene dementia [letter] Gospe SM Jr. **Neurology** 1990 Aug; 40(8):1320–1

DEMENTIA, SENILE

Erotomania and senile dementia [letter] Carrier L. **Am J Psychiatry** 1990 Aug;147(8):1092
Questions raised on efficacy of vitamin B-12 therapy for patients with dementia [letter] Moran MB, et al. **J Am Diet Assoc** 1990 Aug;90(8):1055
Clinical features predicting dementia in idiopathic Parkinson's disease: a follow-up study. Ebmeier KP, et al. **Neurology** 1990 Aug;40(8):1222–4

DEMYELINATING DISEASES

Demyelinating changes in sural nerve biopsy of patients with HTLV-I-associated myelopathy. Sugimura K, et al. **Neurology** 1990 Aug;40(8):1263–6

DENDRITIC CELLS

HIV-1 infection and virus production in follicular dendritic cells in lymph nodes. A case report, with analysis of isolated follicular dendritic cells. Parmentier HK, et al. **Am J Pathol** 1990 Aug;137(2):247–51

DENERVATION

The surgically denervated, transplanted human heart [comment] Bristow MR. **Circulation** 1990 Aug;82(2):658–60 . Comment on: Circulation 1990 Aug;82(2):620–3.
Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Evers BM, et al. **Surgery** 1990 Aug;108(2):248–52; discussion 252–3

DENGUE

From the World Health Organization. Development of dengue and Japanese encephalitis vaccines. Brandt WE. **J Infect Dis** 1990 Sep;162(3):577–83

DENGUE VIRUS

Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. II. Safety and immunogenicity in humans. Hoke CH Jr, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):219–26
Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. I. Pre-clinical studies. Marchette NJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):212–8
From the World Health Organization. Development of dengue and Japanese encephalitis vaccines. Brandt WE. **J Infect Dis** 1990 Sep;162(3):577–83

DENIAL (PSYCHOLOGY)

Maladaptive denial of physical illness: a proposal for DSM-IV. Strauss DH, et al. **Am J Psychiatry** 1990 Sep; 147(9):1168–72

DENSITOMETRY, X-RAY

Acronym for dual-energy x-ray absorptiometry [letter] Wilson CR, et al. **Radiology** 1990 Sep;176(3):875–6

DENTAL CARE

A physician's guide to coordinating oral health and primary care. Shuman SK. **Geriatrics** 1990 Aug;45(8):47–51, 54, 57 (17 ref.)

DENTAL IMPLANTS

Mechanical behavior of mandibular continuity defects reconstructed using combinations of hydroxylapatite and autogenous bone. Eick JD, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):823–30

DENTIGEROUS CYST

Melanin in a dentigerous cyst and associated adenomatoid odontogenic tumor. Warter A, et al. **Cancer** 1990 Aug 15; 66(4):786–8 (15 ref.)

DENTISTS

From the Centers for Disease Control. Possible transmission of human immunodeficiency virus to a patient during an invasive dental procedure. **JAMA** 1990 Sep 5;264(9):1092–3

DEOXYCHOLIC ACID

Effects of ursodeoxycholic acid on gallbladder contraction and cholecystokinin release in gallstone patients and normal subjects. van Erpecum KJ, et al. **Gastroenterology** 1990 Sep;99(3):836–42
Effects of ursodeoxycholic acid treatment on nutrition and liver function in patients with cystic fibrosis and longstanding cholestasis. Cotting J, et al. **Gut** 1990 Aug; 31(8):918–21

DEPRESSIVE DISORDER

Comments on antidepressant response to sleep deprivation [letter] **Am J Psychiatry** 1990 Aug;147(8):1102–3
Amoxapine versus amitriptyline combined with perphenazine in the treatment of psychotic depression. Anton RF Jr, et al. **Am J Psychiatry** 1990 Sep;147(9):1203–8
Thyroid dysfunction in postpartum depression [letter] Claman P. **Am J Psychiatry** 1990 Aug;147(8):1101
Positive and negative symptoms and social competence in adolescents at risk for schizophrenia and affective disorder. Dworkin RH, et al. **Am J Psychiatry** 1990 Sep; 147(9):1234–6
Time-related predictors of suicide in major affective disorder. Fawcett J, et al. **Am J Psychiatry** 1990 Sep; 147(9):1189–94
CSF 5-HIAA and HVA concentrations in elderly depressed patients who attempted suicide. Jones JS, et al. **Am J Psychiatry** 1990 Sep;147(9):1225–7
Diagnosis of major depression in cancer patients according to four sets of criteria. Kathol RG, et al. **Am J Psychiatry** 1990 Aug;147(8):1021–4
Family functioning and major depression: an overview. Keitner GI, et al. **Am J Psychiatry** 1990 Sep;147(9):1128–37 (82 ref.)
Evidence for less improvement in depression in patients taking benzodiazepines during unilateral ECT. Pettinati HM, et al. **Am J Psychiatry** 1990 Aug;147(8):1029–35
Seasonal affective disorder and the photic sneeze response [letter] Pies R. **Am J Psychiatry** 1990 Aug;147(8):1094
The role of depression in couples involved in murder-suicide and homicide. Rosenbaum M. **Am J Psychiatry** 1990 Aug; 147(8):1036–9
Syndrome comorbidity in patients with major depression or dysthymia: prevalence and temporal relationships. Sanderson WC, et al. **Am J Psychiatry** 1990 Aug; 147(8):1025–8
Comorbidity of major depression and anxiety disorders in twin pairs. Torgersen S. **Am J Psychiatry** 1990 Sep; 147(9):1199–202
Variability in the application of contemporary diagnostic criteria: endogenous depression as an example. Zimmerman M, et al. **Am J Psychiatry** 1990 Sep;147(9):1173–9
Major depressive disorder, alcoholism, and reduced natural killer cell cytotoxicity. Role of severity of depressive symptoms and alcohol consumption. Irwin M, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):713–9
Psychological treatment for depressive disorder [letter] Snaith RP, et al. **BMJ** 1990 Jun 16;300(6739):1587–8
Depression and the menopause [letter] Studd JW, et al. **BMJ** 1990 Jun 23;300(6740):1653
Enhancement of recovery from psychiatric illness by methylfolate. Godfrey PS, et al. **Lancet** 1990 Aug 18; 336(8712):392–5
An outbreak of illness among aerospace workers [see comments] Sparks PJ, et al. **West J Med** 1990 Jul; 153(1):28–33. Comment in: West J Med 1990 Jul;153(1):77–8.

DERMATITIS, ATOPIC

Lymphocyte responses to food antigens in patients with atopic dermatitis who are sensitive to foods. Kondo N, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):253–60

DERMATITIS MEDICAMENTOSA

Zidovudine with probenecid [letter] Duckworth AS, et al. **Lancet** 1990 Aug 18;336(8712):441

DERMATOMYCOSES

Does pityrosporum ovale have a role in psoriasis? [letter] Elewski B. **Arch Dermatol** 1990 Aug;126(8):1111–2
Skin surface electron microscopy in Pityrosporum folliculitis. The role of follicular occlusion in disease and the response to oral ketoconazole. Hill MK, et al. **Arch Dermatol** 1990 Aug;126(8):1071–4

DERMATOMYOSITIS

Is there a treatment for the calcinosis of juvenile dermatomyositis? Ansell B. **Br J Rheumatol** 1990 Aug; 29(4):263

DERMOID CYST

Midline sublingual dermoid cyst. al-Khayat M, et al. **J Laryngol Otol** 1990 Jul;104(7):578–80

DESENSITIZATION, IMMUNOLOGIC

Desensitisation today. Eiser N. **BMJ** 1990 Jun 2; 300(6737):1412–3 (23 ref.)
Evolution of the late asthmatic reaction during immunotherapy and after stopping immunotherapy. Van Bever HP, et al. **J Allergy Clin Immunol** 1990 Aug;

86(2):141–6
"Treating through" hypersensitivity to cotrimoxazole in children with HIV infection [letter] Kreuz W, et al. **Lancet** 1990 Aug 25;336(8713):508–9

DESMOPRESSIN

The effect of desmopressin on massive gastrointestinal bleeding in hereditary telangiectasia unresponsive to treatment with cryoprecipitate. Quitt M, et al. **Arch Intern Med** 1990 Aug;150(8):1744–6
The role of desmopressin in reducing blood loss during lumbar fusions. Johnson RG, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):223–6

DESOXYCORTICOSTERONE

Electron microscopic findings in benign deoxycorticosterone and 11-deoxycortisol-producing adrenal tumor. Osanai T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):829–31
Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305–10

DEVELOPING COUNTRIES

Autologous transfusion [letter] Harrison NW. **BMJ** 1990 Jun 2;300(6737):1464
Campylobacter jejuni versus Campylobacter coli in developing countries: how accurate are prevalence estimates? [letter] Pazzaglia G, et al. **J Infect Dis** 1990 Aug; 162(2):570

DEXAMETHASONE

Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Mustafa MM, et al. **Am J Dis Child** 1990 Aug;144(8):883–7
Alexithymic features in relation to the dexamethasone suppression test in a Finnish population sample. Lindholm T, et al. **Am J Psychiatry** 1990 Sep;147(9):1216–9
Dexamethasone for meningitis [letter] Girgis NI, et al. **Ann Intern Med** 1990 Sep 1;113(5):410
Dexamethasone and infection in preterm babies: a controlled study [letter] Staines A. **Arch Dis Child** 1990 Jul;65(7):812
A phase II randomized trial of megestrol acetate or dexamethasone in the treatment of hormonally refractory advanced carcinoma of the prostate. Patel SR, et al. **Cancer** 1990 Aug 15;66(4):655–8
Glucocorticoid receptor identified on nuclear envelopes of male rat livers by affinity labeling and immunochemistry. Howell GM, et al. **Endocrinology** 1990 Sep;127(3):1087–96
Dexamethasone increases hepatic insulin-like growth factor binding protein-1 (IGFBP-1) mRNA and serum IGFBP-1 concentrations in the rat. Luo J, et al. **Endocrinology** 1990 Sep;127(3):1456–62
Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Niimi S, et al. **Endocrinology** 1990 Aug;127(2):688–94
Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Van LP, et al. **Endocrinology** 1990 Sep;127(3):1412–8
Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305–10
Steroids for respiratory distress syndrome—again [editorial; comment] Taeusch HW, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):248–50. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):273–82.
Early postnatal dexamethasone therapy in premature infants with severe respiratory distress syndrome: a double-blind, controlled study [see comments] Yeh TF, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):273–82. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):248–50.
Effects of glucocorticoids on lung glutamine and alanine metabolism. Souba WW, et al. **Surgery** 1990 Aug; 108(2):213–8; discussion 218–9

DEXTRANS

Prevention of venous thrombosis after total knee arthroplasty. Comparison of antithrombin III and low-dose heparin with dextran. Francis CW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):976–82
Experimental inhalation injury with concomitant surface burn: dextran resuscitation improves lung water and oxygenation. Schenk WG 3d, et al. **J Trauma** 1990 Jul; 30(7):813–8; discussion 818–9

DIABETES INSIPIDUS

Indomethacin treatment for polyhydramnios and subsequent infantile nephrogenic diabetes insipidus. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):98–9

DIABETES MELLITUS

Diabetes, fibrinogen, and risk of cardiovascular disease: the Framingham experience. Kannel WB, et al. **Am Heart J** 1990 Sep;120(3):672–6
Gestational diabetes mellitus: the prevalence of glucose intolerance and diabetes mellitus in the first two months post partum. Kjos SL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):93–8
Elevation of plasma thrombomodulin level in diabetic patients with early diabetic nephropathy. Iwashima Y, et al. **Diabetes** 1990 Aug;39(8):983–8
Decreased high affinity state in platelet alpha 2-adrenoceptors from diabetic patients with orthostatic hypotension. Senard JM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):311–7
Black-white differences in stroke incidence in a national sample. The contribution of hypertension and diabetes mellitus. Kittner SJ, et al. **JAMA** 1990 Sep 12; 264(10):1267–70
Selection of subjects in community studies [letter] Van Buren CT. **Mayo Clin Proc** 1990 Jul;65(7):1030
Undetected diabetes and the plastic surgeon. Guyuron B, et al. **Plast Reconstr Surg** 1990 Sep;86(3):471–4
High-fiber diet for diabetes. Safe and effective treatment. Anderson JW, et al. **Postgrad Med** 1990 Aug;88(2):157–61, 164, 167–8 (20 ref.)
Mortality from diabetes mellitus, ischemic heart disease, and cerebrovascular disease among blacks in a higher income area. Polednak AP. **Public Health Rep** 1990 Jul-Aug; 105(4):393–9

DIABETES MELLITUS, EXPERIMENTAL

Insulitis and diabetes in NOD mice reduced by prophylactic insulin therapy. Atkinson MA, et al. **Diabetes** 1990 Aug; 39(8):933–7
Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Hatamori N, et al. **Diabetes** 1990 Sep;39(9):1070–8
Effect of insulin on glucose utilization in epitrochlearis muscle of rats with streptozocin-induced NIDDM. Karl IE, et al. **Diabetes** 1990 Sep;39(9):1106–15
Recognition of common islet antigen by autoantibodies from NOD mice and humans with IDDM. Karounos DG, et al. **Diabetes** 1990 Sep;39(9):1085–90
Importance of imparied insulin-gene expression in occurrence of diabetes in obese rats. Koh G, et al. **Diabetes** 1990 Sep;39(9):1050–6
Effects of single and repeated blood withdrawals on circulating mononuclear cells in BB rats. Failure to prevent diabetes despite acute changes in counts. Marliss EB, et al. **Diabetes** 1990 Sep;39(9):1099–105
Adoptive transfer of diabetes in BB rats induced by CD4 T lymphocytes. Métroz-Dayer MD, et al. **Diabetes** 1990 Aug;39(8):928–32
Increase in [3H]PN 200-110 binding to cardiac muscle membrane in streptozocin-induced diabetic rats. Nishio Y, et al. **Diabetes** 1990 Sep;39(9):1064–9
Adaptation of cholinergic enteric neuromuscular transmission in diabetic rat small intestine. Nowak TV, et al. **Diabetes** 1990 Aug;39(8):891–7
Downregulation of blood-brain barrier glucose transporter in experimental diabetes. Pardridge WM, et al. **Diabetes** 1990 Sep;39(9):1040–4
Reversal of glomerular hyperfiltration and renal hypertrophy by blood glucose normalization in diabetic rats. Stackhouse S, et al. **Diabetes** 1990 Aug;39(8):989–95
Effect of continuous versus delayed insulin replacement on sex behavior and neuroendocrine function in diabetic male rats. Steger RW, et al. **Diabetes** 1990 Aug;39(8):942–8
Early onset of increased transcapillary albumin escape in awake diabetic rats. Tucker BJ. **Diabetes** 1990 Aug; 39(8):919–23
Immunogenetic analysis of beta-cell autoimmunity in NOD mice. Relationship of insulitis to T-lymphocyte-receptor beta nod and A beta nod genes. Winter WE, et al. **Diabetes** 1990 Aug;39(8):975–82
Calcium-dependent protein kinase activity is decreased in diabetic rat sciatic nerve. Gabbay RA, et al. **Endocrinology** 1990 Sep;127(3):1194–8
Growth hormone receptors are up-regulated in diabetic adipocytes. Solomon SS, et al. **Endocrinology** 1990 Sep; 127(3):1544–6
Delayed stomach to caecum transit time in the diabetic rat. Possible role of hyperglucagonaemia. Chesta J, et al. **Gut** 1990 Jun;31(6):660–2
Effects of altered glucose homeostasis on glucose transporter expression in skeletal muscle of the rat. Bourey RE, et al. **J Clin Invest** 1990 Aug;86(2):542–7
Abnormal cardiac function in the streptozotocin-diabetic rat. Changes in active and passive properties of the left ventricle. Litwin SE, et al. **J Clin Invest** 1990 Aug; 86(2):481–8
Trophic stimulation of the ductal/islet cell axis: a new approach to the treatment of diabetes. Rosenberg L, et al. **Surgery** 1990 Aug;108(2):191–7

DIABETES MELLITUS, INSULIN-DEPENDENT

Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Hatamori N, et al. **Diabetes** 1990 Sep;39(9):1070–8
Islet cell antibodies as predictive markers for IDDM in children with high background incidence of disease. Karjalainen JK. **Diabetes** 1990 Sep;39(9):1144–50
Recognition of common islet antigen by autoantibodies from NOD mice and humans with IDDM. Karounos DG, et al. **Diabetes** 1990 Sep;39(9):1085–90
Transgenic mouse models of type I diabetes. Lipes MA, et al. **Diabetes** 1990 Aug;39(8):879–84 (50 ref.)
Prevalence of complications in IDDM by sex and duration. Pittsburgh Epidemiology of Diabetes Complications Study II. Orchard TJ, et al. **Diabetes** 1990 Sep;39(9):1116–24
Glomerular structure and function in diabetic nephropathy. Early to advanced stages. Osterby R, et al. **Diabetes** 1990 Sep;39(9):1057–63
No excess of DR*3/4 in Ashkenazi Jewish or Hispanic IDDM patients. Rubinstein P, et al. **Diabetes** 1990 Sep; 39(9):1138–43
Immunogenetic analysis of beta-cell autoimmunity in NOD mice. Relationship of insulitis to T-lymphocyte-receptor beta nod and A beta nod genes. Winter WE, et al. **Diabetes** 1990 Aug;39(8):975–82
Inhibition of type 1 diabetes in BB rats with recombinant human tumor necrosis factor-alpha. Satoh J, et al. **J Immunol** 1990 Sep 1;145(5):1395–9
Hypoglycemia in children with insulin-dependent diabetes mellitus [letter] Bell DS, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):340–1
Antibodies to thymic hormone and HLA-DQ in type I diabetes [letter] Kolb H, et al. **Lancet** 1990 Sep 1; 336(8714):570–1
Prevention of diabetes in BB/Wor rats treated with monoclonal antibodies to interferon-gamma [letter] Nicoletti F, et al. **Lancet** 1990 Aug 4;336(8710):319
Diet, cystic fibrosis, and diabetes: making friends with the perfect enemy [letter] Sheehan JP, et al. **Lancet** 1990 Aug 25;336(8713):501
Diabetes mellitus in patients with cystic fibrosis: effect on survival. Reisman J, et al. **Pediatrics** 1990 Sep;86(3):374–7

DIABETES MELLITUS, NON-INSULIN-DEPENDENT

Effects of glyburide on carbohydrate metabolism and insulin action in the liver. Caro JF. **Am J Med** 1990 Aug 20; 89(2A):17S–25S; discussion 51S–53S (59 ref.)
Effect of glyburide on hepatic glucose metabolism. McGuinness OP; discussion 51S–53S, et al. **Am J Med** 1990 Aug 20;89(2A):26S–37S (58 ref.)
Effect of glyburide on beta cell responsiveness to glucose in non-insulin-dependent diabetes mellitus. O'Meara NM, et al. **Am J Med** 1990 Aug 20;89(2A):11S–16S; discussion 51S–53S (39 ref.)
IGF-I—stimulated glucose transport in human skeletal muscle and IGF-I resistance in obesity and NIDDM. Dohm GL, et al. **Diabetes** 1990 Sep;39(9):1028–32
Population-based study of impaired glucose tolerance and type II diabetes in Wadena, Minnesota. French LR, et al. **Diabetes** 1990 Sep;39(9):1131–7
Effect of insulin on glucose utilization in epitrochlearis muscle of rats with streptozocin-induced NIDDM. Karl IE, et al. **Diabetes** 1990 Sep;39(9):1106–15
Serum type IV collagen concentrations in diabetic patients with microangiopathy as determined by enzyme immunoassay with monoclonal antibodies. Matsumoto E, et al. **Diabetes** 1990 Aug;39(8):885–90
Effect of insulin therapy on metabolic fate of apolipoprotein B-containing lipoproteins in NIDDM. Taskinen MR, et al. **Diabetes** 1990 Sep;39(9):1017–27
Effect of a high-carbohydrate, low-saturated-fat diet on apolipoprotein B and triglyceride metabolism in Pima Indians. Abbott WG, et al. **J Clin Invest** 1990 Aug; 86(2):642–50
Nicotinic acid as therapy for dyslipidemia in non-insulin-dependent diabetes mellitus. Garg A, et al. **JAMA** 1990 Aug 8;264(6):723–6

DIABETIC ANGIOPATHIES

Relationship of endoneurial capillary abnormalities to type and severity of diabetic polyneuropathy. Britland ST, et al. **Diabetes** 1990 Aug;39(8):909–13
Elevation of plasma thrombomodulin level in diabetic patients with early diabetic nephropathy. Iwashima Y, et al. **Diabetes** 1990 Aug;39(8):983–8
Serum type IV collagen concentrations in diabetic patients with microangiopathy as determined by enzyme immunoassay with monoclonal antibodies. Matsumoto E, et al. **Diabetes** 1990 Aug;39(8):885–90
Diabetes mellitus as a risk factor for stroke. Mortel KF, et al. **South Med J** 1990 Aug;83(8):904–11

DIABETIC NEPHROPATHIES

Enalapril and metoprolol in diabetic nephropathy [letter] **BMJ** 1990 May 26;300(6736):1399
Enalapril and metoprolol in diabetic nephropathy. Sawicki

P, et al. **BMJ** 1990 Jun 2;300(6737):1466
Glomerular structure and function in diabetic nephropathy. Early to advanced stages. Osterby R, et al. **Diabetes** 1990 Sep;39(9):1057–63
Relation between serum cholesterol and diabetic nephropathy [letter] Olczak SA. **Lancet** 1990 Jul 28;336(8709):254

DIABETIC NEUROPATHIES

Association of painful and painless diabetic polyneuropathy with different patterns of nerve fiber degeneration and regeneration. Britland ST, et al. **Diabetes** 1990 Aug; 39(8):898–908
Relationship of endoneurial capillary abnormalities to type and severity of diabetic polyneuropathy. Britland ST, et al. **Diabetes** 1990 Aug;39(8):909–13
Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Chantelau E, et al. **Diabetes** 1990 Aug;39(8):938–41
Elevation of plasma thrombomodulin level in diabetic patients with early diabetic nephropathy. Iwashima Y, et al. **Diabetes** 1990 Aug;39(8):983–8
Dysfunctional penile cholinergic nerves in diabetic impotent men. Blanco R, et al. **J Urol** 1990 Aug;144(2 Pt 1):278–80
Calcitonin nasal spray for painful diabetic neuropathy [letter] Zieleniewski W. **Lancet** 1990 Aug 18;336(8712):449
Reversal of diabetic somatic neuropathy by whole-pancreas transplantation. Orloff MJ, et al. **Surgery** 1990 Aug; 108(2):179–89; discussion 189–90

DIABETIC RETINOPATHY

Proliferative retinopathy with growth hormone deficiency and diabetes mellitus [letter] Quin JD, et al. **BMJ** 1990 Jun 16;300(6739):1586–7
Diabetic retinopathy [letter] **N Engl J Med** 1990 Aug 30; 323(9):613–4

DIAGNOSIS

Is earlier diagnosis really better? The misleading effects of lead time and length biases. Black WC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):625–30
Case 38-1989: diagnostic overkill? [letter] Hoffman JR. **N Engl J Med** 1990 Aug 23;323(8):551

DIAGNOSIS, COMPUTER ASSISTED

Cardiac phase-related variability of border detection or densitometric quantitation of postangioplasty lumens. Katritsis D, et al. **Am Heart J** 1990 Sep;120(3):537–43
And the children shall teach us ... [letter] Asnes RS. **Am J Dis Child** 1990 Aug;144(8):849
Automated quantitation of indexes of coronary lesion complexity. Comparison between patients with stable and unstable angina. Kalbfleisch SJ, et al. **Circulation** 1990 Aug; 82(2):439–47
Comparison of CAGE questionnaire and computer-assisted laboratory profiles in screening for covert alcoholism. Beresford TP, et al. **Lancet** 1990 Aug 25;336(8713):482–5

DIAGNOSIS, LABORATORY

The importance of considering clinical usefulness in the evaluation of medical laboratory tests [letter] Sever JL. **Am J Obstet Gynecol** 1990 Aug;163(2):678–9
The impact of whole-blood testing on response time. A challenge for the new College of American Pathologists Q-Probes program. Kost GJ. **Arch Pathol Lab Med** 1990 Sep;114(9):921–2
Rapid viral diagnosis in perspective. Lee PC, et al. **BMJ** 1990 Jun 2;300(6737):1313–8 (71 ref.)
When laboratory tests are abnormal and the patient feels fine. Shulkin DJ, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):85–6, 89–90, 92

DIAGNOSTIC IMAGING

Liver tumor imaging: current concepts. Ferrucci JT. **AJR Am J Roentgenol** 1990 Sep;155(3):473–84 (70 ref.)
Imaging of chronic renal infections. Kenney PJ. **AJR Am J Roentgenol** 1990 Sep;155(3):485–94 (40 ref.)
The unsuspected double collecting system on imaging studies and at cystoscopy. Share JC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):561–4
The hidden costs of delayed access to diagnostic imaging information: impact on PACS implementation. Straub WH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):613–6
Current use of imaging in the evaluation of primary mediastinal masses. Brown K, et al. **Chest** 1990 Aug; 98(2):466–73 (32 ref.)
Imaging of joints. **Radiol Clin North Am** 1990 Sep; 28(5):905–1138

DIAGNOSTIC RELATED GROUPS

Physicians' patient load per DRG, the consumption of hospital resources, and the incentives of the DRG prospective payment system. Munoz E, et al. **Acad Med** 1990 Aug;65(8):533–8
Second-generation deinstitutionalization, I: The impact of Brewster v. Dukakis on state hospital case mix. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):982–7
DRGs and the "negative" trauma workup. Flancbaum L, et al. **Ann Emerg Med** 1990 Jul;19(7):741–5
Burn DRGs: effects of recent changes and implications for the future. Chakerian MU, et al. **J Trauma** 1990 Aug; 30(8):964–71; discussion 971–3
An all-payor prospective payment system (PPS) based on diagnosis-related-groups (DRG): financial impact on reimbursement for trauma care and approaches to minimizing loss. Joy SA, et al. **J Trauma** 1990 Jul; 30(7):866–73

DIAGNOSTIC TESTS, ROUTINE

Routine admission urinalysis examination in pediatric patients: a poor value. Mitchell N, et al. **Pediatrics** 1990 Sep;86(3):345–9

DIALYSIS

Glucocorticoids suppress levels of immunoreactive bradykinin in inflamed tissue as evaluated by microdialysis probes. Hargreaves KM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):168–78

DIAPHRAGM

Tracheobronchial clearance in patients with bilateral diaphragmatic weakness. Mier A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):545–8
Cardiac cycle and synchronous left hemidiaphragmatic contraction [letter] Moorthy SS, et al. **Anesth Analg** 1990 Aug;71(2):206–7
Correlations between dyspnea, diaphragm and sternomastoid recruitment during inspiratory resistance breathing in normal subjects. Breslin EH, et al. **Chest** 1990 Aug; 98(2):298–302

DIARRHEA

Pneumonia, diarrhea, and growth in the first 4 y of life: a longitudinal study of 5914 urban Brazilian children. Victora CG, et al. **Am J Clin Nutr** 1990 Aug;52(2):391–6
Life-threatening diarrhea after short-term misoprostol use in a patient with Crohn ileocolitis. Kornbluth A, et al. **Ann Intern Med** 1990 Sep 15;113(6):474–5
Bismuth therapy in gastrointestinal diseases. Gorbach SL. **Gastroenterology** 1990 Sep;99(3):863–75 (138 ref.)
Investigation of seemingly pathogen-negative diarrhoea in patients infected with HIV1. Connolly GM, et al. **Gut** 1990 Aug;31(8):886–9
Prevalence and serotype specificity of rotavirus antibodies in different age groups of Ecuadorian infants. Brüssow H, et al. **J Infect Dis** 1990 Sep;162(3):615–20
Seroepidemiologic evaluation of anti-toxic and anti-colonization factor immunity against infections by LT-producing Escherichia coli in rural Bangladesh. Clemens JD, et al. **J Infect Dis** 1990 Aug;162(2):448–53
Enterotoxins and adhesins of enterotoxigenic Escherichia coli: are they risk factors for acute diarrhea in the community? López-Vidal Y, et al. **J Infect Dis** 1990 Aug; 162(2):442–7
Risk factors for Clostridium difficile carriage and C. difficile-associated diarrhea in a cohort of hospitalized patients. McFarland LV, et al. **J Infect Dis** 1990 Sep; 162(3):678–84
Serotyping of human group A rotavirus with oligonucleotide probes. Sethabutr O, et al. **J Infect Dis** 1990 Aug; 162(2):368–72
From the National Institute of Allergy and Infectious Diseases. Summary of the 25th United States-Japan Joint Conference on cholera and related diarrheal diseases. Spriggs DR, et al. **J Infect Dis** 1990 Sep;162(3):584–90
Challenge studies in volunteers using Escherichia coli strains with diffuse adherence to HEp-2 cells. Tacket CO, et al. **J Infect Dis** 1990 Aug;162(2):550–2
Escherichia coli O157:H7 and the hemolytic uremic syndrome: importance of early cultures in establishing the etiology. Tarr PI, et al. **J Infect Dis** 1990 Aug;162(2):553–6
Annual rotavirus epidemic patterns in North America. Results of a 5-year retrospective survey of 88 centers in Canada, Mexico, and the United States. Rotavirus Study Group. LeBaron CW, et al. **JAMA** 1990 Aug 22–29; 264(8):983–8
Quinolones in acute non-travellers' diarrhoea. **Lancet** 1990 Aug 4;336(8710):282 (21 ref.)

DIARRHEA, INFANTILE

Anti-motility drugs for infants [letter] **Lancet** 1990 Aug 4; 336(8710):314
Zinc supplementation during diarrhoea, a fortification against malnutrition? [letter] Behrens RH, et al. **Lancet** 1990 Aug 18;336(8712):442–3

DIATHERMY

Colposcopic diagnosis and treatment of cervical dysplasia at a single clinic visit. Experience of low-voltage diathermy loop in 1000 patients. Bigrigg MA, et al. **Lancet** 1990 Jul 28;336(8709):229–31

DIATRIZOATE

Renal functional response to dopamine during and after arteriography in patients with chronic renal insufficiency. Hans B, et al. **Radiology** 1990 Sep;176(3):651–4

DIAZEPAM

Benzodiazepines and fantasy [letter] Lurie Y, et al. **Lancet** 1990 Sep 1;336(8714):576

DIBENZAZEPINES

Clozapine and seizures. Haller E, et al. **Am J Psychiatry** 1990 Aug;147(8):1069–71
Clozapine—a new and different neuroleptic [clinical conference] Haller E, et al. **West J Med** 1990 Jul; 153(1):62–4

DIBENZOXAZEPINES

Amoxapine versus amitriptyline combined with perphenazine in the treatment of psychotic depression. Anton RF Jr, et al. **Am J Psychiatry** 1990 Sep;147(9):1203–8

DIDEOXYCYTIDINE

Direct cerebrospinal fluid delivery of an antiretroviral agent using multivesicular liposomes. Kim S, et al. **J Infect Dis** 1990 Sep;162(3):750–2

DIDEOXYINOSINE

Long-term toxicity/activity profile of 2',3'-dideoxyinosine in AIDS or AIDS-related complex. Yarchoan R, et al. **Lancet** 1990 Sep 1;336(8714):526–9

DIET

Vitamin E intakes and sources in the United States. Murphy SP, et al. **Am J Clin Nutr** 1990 Aug;52(2):361–7
Milk's effect on the bioavailability of iron from cereal-based diets in young women by use of in vitro and in vivo methods. Turnlund JR, et al. **Am J Clin Nutr** 1990 Aug; 52(2):373–8
Zinc: consumption patterns and dietary recommendations. Moser-Veillon PB. **J Am Diet Assoc** 1990 Aug; 90(8):1089–93
Dietary patterns and nutrient intake of U.S. infants. Proceedings of a symposium. October 13–15, 1989. **J Pediatr** 1990 Aug;117(2 Pt 2):S75–192
Trends in food consumption: implications for infant feeding. Hegsted DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S80–3

DIET RECORDS

Accuracy of weighed dietary records [letter] Day NE, et al. **BMJ** 1990 May 26;300(6736):1398

DIET, REDUCING

Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Katzeff HL, et al. **Am J Clin Nutr** 1990 Aug;52(2):263–6
Plasma concentrations of tryptophan and dieting. Goodwin GM, et al. **BMJ** 1990 Jun 9;300(6738):1499–500
Long-term effects of dieting on resting metabolic rate in obese outpatients. Wadden TA, et al. **JAMA** 1990 Aug 8;264(6):707–11
Weight and dieting concerns in adolescents, fashion or symptom? Casper RC, et al. **Pediatrics** 1990 Sep; 86(3):384–90
Osteoporosis: a "new morbidity" for dieting female adolescents? Kreipe RE, et al. **Pediatrics** 1990 Sep; 86(3):478–80

DIETARY CARBOHYDRATES

Absorption of carbohydrate from rice in Burmese village children and adults. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):342–7
Malabsorption of carbohydrate from rice and child growth: a longitudinal study with the breath-hydrogen test in Burmese village children. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):348–52
Effect of sucrose on the metabolic disposition of aspartame. Stegink LD, et al. **Am J Clin Nutr** 1990 Aug;52(2):335–41
A carbohydrate-rich diet not only leads to incorporation of medium-chain fatty acids (6:0–14:0) in milk triglycerides but also in each milk-phospholipid subclass. van Beusekom C, et al. **Am J Clin Nutr** 1990 Aug;52(2):326–34
Effect of a high-carbohydrate, low-saturated-fat diet on apolipoprotein B and triglyceride metabolism in Pima Indians. Abbott WG, et al. **J Clin Invest** 1990 Aug; 86(2):642–50

DIETARY FATS

Butterfat and the Navy Ration Law [letter] Savage RW, et al. **Am J Cardiol** 1990 Aug 15;66(4):528
Dietary intake and plasma lipid levels [letter] Lockton JA, et al. **BMJ** 1990 Jul 7;301(6742):43–4
Promoting low-fat foods in the supermarket using various methods, including videocassettes. Dougherty MF, et al.

J Am Diet Assoc 1990 Aug;90(8):1106–8
Effect of a high-carbohydrate, low-saturated-fat diet on apolipoprotein B and triglyceride metabolism in Pima Indians. Abbott WG, et al. J Clin Invest 1990 Aug; 86(2):642–50
Manipulation of the acute inflammatory response by dietary polyunsaturated fatty acid modulation. Lefkowith JB, et al. J Immunol 1990 Sep 1;145(5):1523–9
Modified fat diets: do they apply to infancy? Finberg L. J Pediatr 1990 Aug;117(2 Pt 2):S132–3
Chicken fat doesn't migrate [letter] Dieleman L, et al. N Engl J Med 1990 Sep 13;323(11):759
Trans monounsaturated fatty acids and serum cholesterol levels [editorial; comment] Grundy SM. N Engl J Med 1990 Aug 16;323(7):480–1. Comment on: N Engl J Med 1990 Aug 16;323(7):439–45.
Effect of dietary trans fatty acids on high-density and low-density lipoprotein cholesterol levels in healthy subjects [see comments] Mensink RP, et al. N Engl J Med 1990 Aug 16;323(7):439–45. Comment in: N Engl J Med 1990 Aug 16;323(7):480–1.
Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Evers BM, et al. Surgery 1990 Aug;108(2):248–52; discussion 252–3

DIETARY FATS, UNSATURATED

Vitamin E intakes and sources in the United States. Murphy SP, et al. Am J Clin Nutr 1990 Aug;52(2):361–7
Dietary polyunsaturated fatty acids enhance the uptake of high-density lipoprotein cholesterol ester by rat adipocytes. Zsigmond E, et al. Am J Clin Nutr 1990 Aug;52(2):289–99
Diet and new lesions of the coronary arteries [letter] JAMA 1990 Sep 12;264(10):1251–2

DIETARY FIBER

Cellulose fiber diet pills. A new cause of esophageal obstruction. Jones KR, et al. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1091
Management of constipation [letter] Ardron ME, et al. BMJ 1990 May 26;300(6736):1400
Dietary fibre. Heaton KW. BMJ 1990 Jun 9; 300(6738):1479–80 (47 ref.)
High-fiber diet for diabetes. Safe and effective treatment. Anderson JW, et al. Postgrad Med 1990 Aug;88(2):157–61, 164, 167–8 (20 ref.)

DIETARY PROTEINS

Postingestional effects of a high-protein diet on the regulation of food intake in monkeys. Hannah JS, et al. Am J Clin Nutr 1990 Aug;52(2):320–5
Metabolic response to glucose ingested with various amounts of protein. Westphal SA, et al. Am J Clin Nutr 1990 Aug; 52(2):267–72
The effect of protein on renal function in cirrhosis. Sweeting J. Gastroenterology 1990 Sep;99(3):895
Use of tofu in preschool meals. Ashraf HR, et al. J Am Diet Assoc 1990 Aug;90(8):1114–6
Visceral protein levels in trauma patients are greater with peptide diet than with intact protein diet. Meredith JW, et al. J Trauma 1990 Jul;30(7):825–8; discussion 828–9
The effect of protein intake on the lifelong changes in renal function of rats with a solitary kidney damaged at young age. Provoost AP, et al. J Urol 1990 Aug;144(2 Pt 2):567–73; discussion 593–4

DIETARY SERVICES

Medicaid regulations for long-term care. J Am Diet Assoc 1990 Aug;90(8):1062–3

DIETETICS

Commentary on the role delineation study [comment] J Am Diet Assoc 1990 Aug;90(8):1122–3. Comment on: J Am Diet Assoc 1990 Aug;90(8):1124–33.
The management component of our profession. Dowling R, et al. J Am Diet Assoc 1990 Aug;90(8):1065–6
Role delineation for dietetic practitioners: empirical results [see comments] Kane MT, et al. J Am Diet Assoc 1990 Aug;90(8):1124–33. Comment in: J Am Diet Assoc 1990 Aug;90(8):1122–3.
The development of test specifications for the registration examinations. Webb LC, et al. J Am Diet Assoc 1990 Aug; 90(8):1134–5
Beyond the RD. Wellman NS, et al. J Am Diet Assoc 1990 Aug;90(8):1117–21

DIETHYLCARBAMAZINE

Changes in antibody profile after treatment of human onchocerciasis. Lee SJ, et al. J Infect Dis 1990 Aug; 162(2):529–33

DIETHYLSTILBESTROL

Colposcopy in diethylstilbestrol-exposed offspring [letter] Gimbel GL. Am J Obstet Gynecol 1990 Aug;163(2):703
Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Turner RT, et al. Endocrinology 1990 Sep; 127(3):1346–51

DIGESTION

Digestion and absorption in the human intestine of three sugar alcohols. Beaugerie L, et al. Gastroenterology 1990 Sep;99(3):717–23

DIGESTIVE SYSTEM

Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. Bouvet JP, et al. J Immunol 1990 Aug 15; 145(4):1176–80

DIGOXIN

Effect of endogenous digoxin-like substances on the interpretation of high concentrations of digoxin in children. Stone J, et al. J Pediatr 1990 Aug;117(2 Pt 1):321–5

DIHYDROERGOTOXINE

Lack of efficacy of hydergine in patients with Alzheimer's disease. Thompson TL 2d, et al. N Engl J Med 1990 Aug 16;323(7):445–8

DIHYDROTACHYSTEROL

Hypercalcemia in a calcitriol-treated hypoparathyroid woman during lactation. Caplan RH, et al. Obstet Gynecol 1990 Sep;76(3 Pt 2):485–9

DILATATION

Preventing cervical conization by achieving satisfactory colposcopy with hygroscopic cervical dilators. Stern JL, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):176–7

DILATATION AND CURETTAGE

Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. Anesthesiology 1990 Aug;73(2):230–5

DILTIAZEM

The effect of diltiazem on calcinosis in a patient with the CREST syndrome. Farah MJ, et al. Arthritis Rheum 1990 Aug;33(8):1287–93

DIMETHYLFORMAMIDE

Clinical and pathological characteristics of hepatotoxicity associated with occupational exposure to dimethylformamide. Redlich CA, et al. Gastroenterology 1990 Sep;99(3):748–57

DINOPROST

Critical comments on the treatment of tubal pregnancy with prostaglandins [letter] Dietl J, et al. Am J Obstet Gynecol 1990 Aug;163(2):707–8
Conservative treatment of ovarian pregnancy by local prostaglandin F2 alpha injection [letter] Koike H, et al. Am J Obstet Gynecol 1990 Aug;163(2):696
Plasma elevations of histamine and a prostaglandin metabolite in acute bronchiolitis. Skoner DP, et al. Am Rev Respir Dis 1990 Aug;142(2):359–64
The effect of adding prostaglandin F2 alpha-isopropylester to timolol in patients with open angle glaucoma. Villumsen J, et al. Arch Ophthalmol 1990 Aug;108(8):1102–5

DINOPROSTONE

Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Mustafa MM, et al. Am J Dis Child 1990 Aug;144(8):883–7
Effect of intravaginal application of prostaglandin E2 gel on the mechanical properties of the ovine cervix uteri at term. Owiny JR, et al. Am J Obstet Gynecol 1990 Aug; 163(2):657–60
Topical prostaglandin E2 gel for cervical ripening and closure of the ductus arteriosus in the newborn. Sung RY, et al. Arch Dis Child 1990 Jul;65(7 Spec No):703–4
Enhanced prostaglandin E2 secretion by cytokine-stimulated human synoviocytes in the presence of subtherapeutic concentrations of nonsteroidal antiinflammatory drugs. Lindsley HB, et al. Arthritis Rheum 1990 Aug;33(8):1162–9
Prostaglandin E2 levels in the membrane surrounding bulk and particulate polymethylmethacrylate in the rabbit tibia. A preliminary study. Goodman SB, et al. Clin Orthop 1990 Aug;(257):305–9
Gliadin challenge-induced jejunal prostaglandin E2 secretion in celiac disease. Lavö B, et al. Gastroenterology 1990 Sep; 99(3):703–7
IL-1 binds to high affinity receptors on human osteosarcoma cells and potentiates prostaglandin E2 stimulation of cAMP production. Rodan SB, et al. J Immunol 1990 Aug 15; 145(4):1231–7
Combined effects of tumor necrosis factor-alpha, prostaglandin E2, and corticosterone on induced Ia expression on murine macrophages. Zimmer T, et al. J Immunol 1990 Aug 15;145(4):1167–75
Controlled-release prostaglandin E2 pessary and cervical ripening [letter] Lancet 1990 Sep 1;336(8714):562
Controlled release prostaglandin E2 pessaries [letter] Baravilala WR, et al. Lancet 1990 Aug 18;336(8712):437

DIPEPTIDES

Effect of sucrose on the metabolic disposition of aspartame. Stegink LD, et al. Am J Clin Nutr 1990 Aug;52(2):335–41

DIPHOSPHONATES

Effects of a new bisphosphonate (AHBuBP) on osteolysis induced by human prostate cancer cells in nude mice. Nemoto R, et al. J Urol 1990 Sep;144(3):770–4

DIPHTHERIA

ACP Broadsheet no 125: July 1990. Bacteriological diagnosis of diphtheria. Brooks R, et al. J Clin Pathol 1990 Jul; 43(7):576–80

DIPHTHERIA-TETANUS-PERTUSSIS VACCINE

Protective efficacy of the Takeda acellular pertussis vaccine combined with diphtheria and tetanus toxoids following household exposure of Japanese children. Mortimer EA Jr, et al. Am J Dis Child 1990 Aug;144(8):899–904

DIPHTHERIA TOXOID

Responses to rubella, tetanus, and diphtheria vaccines in otitis-prone and non-otitis-prone children. Prellner K, et al. Ann Otol Rhinol Laryngol 1990 Aug;99(8):628–32
Effect of breast-feeding on antibody response to conjugate vaccine. Pabst HF, et al. Lancet 1990 Aug 4; 336(8710):269–70

DIPLOIDY

Abnormal DNA ploidy and proliferative patterns in superficial colonic epithelium adjacent to colorectal cancer. Ngoi SS, et al. Cancer 1990 Sep 1;66(5):953–9

DIPTERA

Ophthalmomyiasis interna lentis. McLane NJ, et al. South Med J 1990 Aug;83(8):963–5 (209 ref.)

DIPYRIDAMOLE

Usefulness of semiquantitative analysis of dipyridamole-thallium-201 redistribution for improving risk stratification before vascular surgery. Levinson JR, et al. Am J Cardiol 1990 Aug 15;66(4):406–10

DIRECTORIES

City directories as sources for survey work in low- and middle-income black communities. Stanek EJ 3d, et al. Am J Public Health 1990 Sep;80(9):1125–6
JONA's Semiannual Directory of Consultants to Nursing Administration. J Nurs Adm 1990 Jul-Aug;20(7-8):53–104
Medical schools in the United States. JAMA 1990 Aug 15; 264(7):865–78
Medical schools in Canada. JAMA 1990 Aug 15;264(7):881–4

DIROFILARIASIS

Pulmonary dirofilariasis: restudy of worms reported gravid. Beaver PC, et al. Am J Trop Med Hyg 1990 Aug; 43(2):167–9
Bilateral pulmonary nodules caused by Dirofilaria immitis. Bradham RR, et al. Ann Thorac Surg 1990 Aug;50(2):312–3

DISACCHARIDASES

Activity of duodenal disaccharidases in relation to normal and abnormal mucosal morphology. Langman JM, et al. J Clin Pathol 1990 Jul;43(7):537–40

DISACCHARIDES

Prevention of postoperative complications in jaundiced rats. Internal biliary drainage versus oral lactulose. Greve JW, et al. Ann Surg 1990 Aug;212(2):221–7
Successful use of vancomycin hydrochloride in the treatment of lactulose resistant chronic hepatic encephalopathy. Tarao K, et al. Gut 1990 Jun;31(6):702–6

DISASTER PLANNING

Provision of help after major disasters [letter] Grunmeier PW Lancet 1990 Jul 28;336(8709):259

DISEASE

Maladaptive denial of physical illness: a proposal for DSM-IV. Strauss DH, et al. Am J Psychiatry 1990 Sep; 147(9):1168–72

'Minor' illness symptoms. The magnitude of their burden and of our ignorance [editorial; comment] Komaroff AL. **Arch Intern Med** 1990 Aug;150(8):1586–7. Comment on: Arch Intern Med 1990 Aug;150(8):1685–9.
Read clinical classification [letter] **BMJ** 1990 Jun 2; 300(6737):1467
Read clinical classification [letter] Read J. **BMJ** 1990 Jul 7;301(6742):45
Comparison of risk factors for ill health in a sample of homeless and nonhomeless poor. Winkleby MA. **Public Health Rep** 1990 Jul–Aug;105(4):404–10

DISEASE MODELS, ANIMAL

The BALB/c mouse as a model for immunological studies of microfilariae-induced pulmonary eosinophilia. Egwang TG, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):61–6
Inhibition of platelet aggregation by granulocytes stimulated during experimental trauma. Zoucas E, et al. **Crit Care Med** 1990 Aug;18(8):845–7
Transgenic mouse models of type I diabetes. Lipes MA, et al. **Diabetes** 1990 Aug;39(8):879–84 (50 ref.)

DISEASE OUTBREAKS

Invasive disease due to multiply resistant Streptococcus pneumoniae in a Houston, Tex, day-care center. Rauch AM, et al. **Am J Dis Child** 1990 Aug;144(8):923–7
Impact of the human immunodeficiency virus epidemic on mortality trends in young men, United States. Buehler JW, et al. **Am J Public Health** 1990 Sep;80(9):1080–6
A multifocal outbreak of hepatitis A traced to commercially distributed lettuce. Rosenblum LS, et al. **Am J Public Health** 1990 Sep;80(9):1075–9
Acute organophosphorus food poisoning caused by contaminated green leafy vegetables. Goh KT, et al. **Arch Environ Health** 1990 May–Jun;45(3):180–4
Aldicarb food poisonings in California, 1985–1988: toxicity estimates for humans. Goldman LR, et al. **Arch Environ Health** 1990 May–Jun;45(3):141–7
Pneumonia associated with contact with cyanobacteria. Turner PC, et al. **BMJ** 1990 Jun 2;300(6737):1440–1
Statement on recommended use of measles vaccine in Canada. **Can Med Assoc J** 1990 Aug 15;143(4):287–9
A cluster of Edwardsiella tarda infection in a day-care center in Florida [letter] Desenclos JC, et al. **J Infect Dis** 1990 Sep;162(3):782
Foodborne hepatitis A: evidence that microwaving reduces risk? Mishu B, et al. **J Infect Dis** 1990 Sep;162(3):655–8
Annual rotavirus epidemic patterns in North America. Results of a 5-year retrospective survey of 88 centers in Canada, Mexico, and the United States. Rotavirus Study Group. LeBaron CW, et al. **JAMA** 1990 Aug 22–29; 264(8):983–8
It's peacetime, but war against disease continues [news] Marwick C. **JAMA** 1990 Aug 22–29;264(8):944
Respiratory viruses and mycoplasma as cofactors for epidemic group A meningococcal meningitis. Moore PS, et al. **JAMA** 1990 Sep 12;264(10):1271–5
Did HIV and HTLV originate in Africa? [letter] Tabor E, et al. **JAMA** 1990 Aug 8;264(6):691–2
Current and future dimensions of the HIV/AIDS pandemic in women and children. Chin J. **Lancet** 1990 Jul 28; 336(8709):221–4
Tracking AIDS epidemic in libraries [letter] Vandenbroucke JP. **Lancet** 1990 Aug 4;336(8710):318
Retinopathy of prematurity-induced blindness: birth weight-specific survival and the new epidemic. Gibson DL, et al. **Pediatrics** 1990 Sep;86(3):405–12
Cocaine in the cradle: a hidden epidemic. Giacoia GP. **South Med J** 1990 Aug;83(8):947–51 (38 ref.)
An outbreak of illness among aerospace workers [see comments] Sparks PJ, et al. **West J Med** 1990 Jul; 153(1):28–33. Comment in: West J Med 1990 Jul;153(1):77–8.

DISEASE RESERVOIRS

Concurrent human and canine histoplasmosis from cutting decayed wood. Davies SF, et al. **Ann Intern Med** 1990 Aug 1;113(3):252–3
Legionella and fountains [letter] Schlech WF 3d. **Lancet** 1990 Sep 1;336(8714):576

DISEASES IN TWINS

Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33
Comorbidity of major depression and anxiety disorders in twin pairs. Torgersen S. **Am J Psychiatry** 1990 Sep; 147(9):1199–202
Nonarteritic ischemic optic neuropathy in identical female twins: improvement of visual outcome in one by optic nerve decompression [letter] Manor RS. **Arch Ophthalmol** 1990 Aug;108(8):1067–8
Congenital malaria in one identical twin [letter] Cummins D, et al. **J Clin Pathol** 1990 Jul;43(7):609
Visiting and immunisation policies on a regional neonatal unit [letter] Blake KD, et al. **Lancet** 1990 Aug 4; 336(8710):308–9
Abnormalities in the brain and schizophrenia [letter] **N Engl J Med** 1990 Aug 23;323(8):545–8
Partial dystrophin deficiency in monozygous twin carriers of the Duchenne gene discordant for clinical myopathy. Bonilla E, et al. **Neurology** 1990 Aug;40(8):1267–70

DISLOCATIONS

Pulled elbow and hypermobility of joints. Amir D, et al. **Clin Orthop** 1990 Aug;(257):94–9
Simultaneous dorsal dislocation of interphalangeal joints in a finger. Bayne O, et al. **Clin Orthop** 1990 Aug;(257):104–6
Compression of the anterior interosseous nerve after use of a sling for dislocation of the acromioclavicular joint. A report of two cases. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1100–2
One-stage transoral decompression and posterior fixation in rheumatoid atlanto-axial subluxation. Crockard HA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):682–5
Occlusion of the vertebral artery in cervical spine dislocations. Louw JA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):679–81
Arthroscopic lavage and lysis of the temporomandibular joint: a change in perspective. Nitzan DW, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):798–801; discussion 802

DISODIUM CROMOGLYCATE

Cromolyn versus theophylline for treatment of asthma [letter] Randolph C. **J Pediatr** 1990 Aug;117(2 Pt 1):339–40

DISOPYRAMIDE

Disopyramide: pulmonary complications and glaucoma [letter] Ahmad S. **Mayo Clin Proc** 1990 Jul;65(7):1030–1

DISPOSABLE EQUIPMENT

Hidden costs of disposables: is color coding desirable? [letter] Karis JH. **Anesth Analg** 1990 Aug;71(2):203–4

DISSEMINATED INTRAVASCULAR COAGULATION

The Kasabach-Merritt syndrome: treatment with intermittent pneumatic compression. Aylett SE, et al. **Arch Dis Child** 1990 Jul;65(7):790–1

DISSOCIATIVE DISORDERS

Relation of clinical variables to dissociative phenomena in eating disorders. Demitrack MA, et al. **Am J Psychiatry** 1990 Sep;147(9):1184–8
Multiple personality disorder in India [letter] Downs J, et al. **Am J Psychiatry** 1990 Sep;147(9):1260–1

DISULFIRAM

Antabuse implants: a useful surgical procedure. Welch M, et al. **Br J Surg** 1990 Jul;77(7):821

DIURETICS

Lipid abnormalities and diuretics [letter] Feeman WE Jr. **Am Fam Physician** 1990 Aug;42(2):315, 318, 321–4

DIURETICS, THIAZIDE

Calcium channel blockers as second-line therapy in thiazide-resistant hypertension [letter] Collart F, et al. **Arch Intern Med** 1990 Aug;150(8):1755, 1758, 1760
The effects of thiazides plus calcium channel blockers [letter] Cappuccio FP, et al. **JAMA** 1990 Aug 22–29;264(8):971–3

DIVERTICULOSIS

Tracheostoma diverticulum following tracheoesophageal puncture. Hoffman HT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1074–6
Vasoactive intestinal polypeptide levels in sigmoid colon in idiopathic constipation and diverticular disease. Milner P, et al. **Gastroenterology** 1990 Sep;99(3):666–75
Staple gun in the surgery of hypopharyngeal diverticula. Westmore GA. **J Laryngol Otol** 1990 Jul;104(7):553–6

DNA

Discrepancy in the diagnoses of hydatidiform mole by macroscopic and microscopic findings and the deoxyribonucleic acid fingerprint method. Takahashi H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):112–3
An independent diagnosis [clinical conference] Cox TM. **BMJ** 1990 Jun 9;300(6738):1512–4
Repeatedly passed FRTL-5 rat thyroid cells can develop insulin and insulin-like growth factor-I-sensitive cyclooxygenase and prostaglandin E2 isomerase-like activities together with altered basal and thyrotropin-responsive thymidine incorporation into DNA. Bellur S, et al. **Endocrinology** 1990 Sep; 127(3):1526–40
Deoxyribonucleic acid synthesis in cultured adult rat pancreatic B cells. De Vroede MA, et al. **Endocrinology** 1990 Sep;127(3):1510–6
Expression of atypical and classical insulin receptors in Chinese hamster ovary cells transfected with cloned cDNA for the human insulin receptor. Jonas HA, et al. **Endocrinology** 1990 Sep;127(3):1301–9
Molecular cloning and expression of rat placental lactogen-I complementary deoxyribonucleic acid. Robertson MC, et al. **Endocrinology** 1990 Aug;127(2):702–10
Antideoxyribonucleic acid antibodies in Graves' disease. McDermott MT, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):509–11
Tissue extraction of DNA and RNA and analysis by the polymerase chain reaction. Jackson DP, et al. **J Clin Pathol** 1990 Jun;43(6):499–504
A specific defect of prosolin phosphorylation in T cell leukemic lymphoblasts is associated with impaired down-regulation of DNA synthesis. Cooper HL, et al. **J Immunol** 1990 Aug 15;145(4):1205–13
Agents that elevate cAMP stimulate DNA fragmentation in thymocytes. McConkey DJ, et al. **J Immunol** 1990 Aug 15;145(4):1227–30
Flow cytometric evaluation of multicystic dysplastic kidneys. Jung WH, et al. **J Urol** 1990 Aug;144(2 Pt 2):413–5; discussion 422
The flow cytometric analysis of undescended testes in children. Ring KS, et al. **J Urol** 1990 Aug;144(2 Pt 2):494–8; discussion 512–3
Isolation of fetal trophoblast cells from peripheral blood of pregnant women. Mueller UW, et al. **Lancet** 1990 Jul 28; 336(8709):197–200
Diagnosis at the bedside by gene analysis. Phillips JA 3d. **South Med J** 1990 Aug;83(8):868–75 (15 ref.)

DNA-BINDING PROTEINS

Multiple nuclear factors interact with sequences within the J beta 2-C beta 2 intron of the murine T cell receptor beta-chain gene. Mauxion F, et al. **J Immunol** 1990 Sep 1;145(5):1577–82

DNA, FUNGAL

Detection of Pneumocystis carinii with DNA amplification. Wakefield AE, et al. **Lancet** 1990 Aug 25;336(8713):451–3

DNA, MITOCHONDRIAL

mtDNA deletions in Kearns-Sayre [letter] Johns DR. **Neurology** 1990 Aug;40(8):1322–3

DNA, NEOPLASM

Kaposi's sarcoma in patients with acquired immune deficiency syndrome. A flow cytometric DNA analysis of 26 lesions in 21 patients. Fukunaga M, et al. **Cancer** 1990 Aug 15;66(4):758–64
DNA alterations at proto-oncogene loci and their clinical significance in operable non-small cell lung cancer. Hajj C, et al. **Cancer** 1990 Aug 15;66(4):733–9
DNA content in prostatic adenocarcinoma. A flow cytometry study of the predictive value of aneuploidy for tumor volume, percentage Gleason grade 4 and 5, and lymph node metastases. Jones EC, et al. **Cancer** 1990 Aug 15;66(4):752–7
A cell culture, chromosomal and quantitative DNA analysis of a metastatic epithelioid sarcoma. Deletion 1p, a possible primary chromosomal abnormality in epithelioid sarcoma. Stenman G, et al. **Cancer** 1990 May 1;65(9):2006–13
Flow cytometric analysis of DNA content in laryngeal cancer. Feinmesser R, et al. **J Laryngol Otol** 1990 Jun; 104(6):485–7
Correlation of in vitro bromodeoxyuridine labeling index and DNA aneuploidy with survival or recurrence in brain-tumor patients. Nishizaki T, et al. **J Neurosurg** 1990 Sep;73(3):396–400
Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. Nativ O, et al. **J Urol** 1990 Aug;144(2 Pt 1):303–6
Re: Deoxyribonucleic acid content and medroxyprogesterone acetate treatment in metastatic renal cell carcinoma [letter] Neuwirth H, et al. **J Urol** 1990 Sep;144(3):749–50
Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299–302
Deoxyribonucleic acid flow cytometry in predicting response to radical radiotherapy of bladder cancer. Wijkström H, et al. **J Urol** 1990 Sep;144(3):646–50; discussion 650–1
Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)

DNA PROBES

Differential diagnosis between complete mole and hydropic abortus by deoxyribonucleic acid fingerprints. Nobunaga T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):634–8
Rapid determination of fetal sex [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):683–4
RFLP and deletion analysis for X-linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Pelham A, et al. **Blood** 1990 Aug 15;76(4):820–4

Total genomic DNA probe to detect Giardia lamblia [letter] Lewis DJ, et al. **Lancet** 1990 Jul 28;336(8709):257

DNA, RECOMBINANT

Recombinant DNA and surgery. Brown JM, et al. **Ann Surg** 1990 Aug;212(2):178–86 (46 ref.)

DNA REPLICATION

Effects of endothelin-1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Cozza EN, et al. **Endocrinology** 1990 Aug;127(2):549–54

Epidermal growth factor inhibits radioiodine uptake but stimulates deoxyribonucleic acid synthesis in newborn rat thyroids grown in nude mice. Ozawa S, et al. **Endocrinology** 1990 Aug;127(2):604–12

DNA RESTRICTION ENZYMES

Restriction enzymes. Ross DW. **Arch Pathol Lab Med** 1990 Aug;114(8):906

DNA, VIRAL

Detection of hepatitis B virus DNA in formalin-fixed, paraffin-embedded liver tissue by the polymerase chain reaction. Lampertico P, et al. **Am J Pathol** 1990 Aug; 137(2):253–8

Human immunodeficiency virus DNA amplification and serology in blood donors. Perrin LH, et al. **Blood** 1990 Aug 1;76(3):641–5

Human papillomaviruses in anogenital warts in children: typing by in situ hybridisation. Padel AF, et al. **BMJ** 1990 Jun 9;300(6738):1491–4

Nonisotopic human papillomavirus DNA typing of cervical smears obtained at the initial colposcopic examination. Duggan MA, et al. **Cancer** 1990 Aug 15;66(4):745–51

Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Kaneko S, et al. **Gastroenterology** 1990 Sep;99(3):793–8

Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Kaneko S, et al. **Gastroenterology** 1990 Sep;99(3):799–804

Differentiation of cytomegalovirus strains by restriction analysis of DNA sequences amplified from clinical specimens. Chou SW. **J Infect Dis** 1990 Sep;162(3):738–42

Concordance of polymerase chain reaction with human immunodeficiency virus antibody detection. Horsburgh CR Jr, et al. **J Infect Dis** 1990 Aug;162(2):542–5

Evidence for intrafamilial transmission of hepatitis B virus from sequence analysis of mutant HBV DNAs in two Chinese families. Lin HJ, et al. **Lancet** 1990 Jul 28; 336(8709):208–12

Latent varicella-zoster viral DNA in human trigeminal and thoracic ganglia. Mahalingam R, et al. **N Engl J Med** 1990 Sep 6;323(10):627–31

Human papillomavirus DNA in invasive carcinoma of the vagina. Ikenberg H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):432–8

Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Van Sickle M, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):540–2

DOBUTAMINE

Intravenous infusions of nitroprusside, dobutamine, and nitroglycerin are compatible [see comments] Horrow JC, et al. **Crit Care Med** 1990 Aug;18(8):858–61. Comment in: Crit Care Med 1990 Aug;18(8):896.

DOCOSAHEXAENOIC ACIDS

Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Martínez M. **Neurology** 1990 Aug;40(8):1292–8

DOCUMENTATION

Immunisation state and its documentation in hospital patients. Ferson MJ. **Arch Dis Child** 1990 Jul;65(7):763–7

DOG DISEASES

Concurrent human and canine histoplasmosis from cutting decayed wood. Davies SF, et al. **Ann Intern Med** 1990 Aug 1;113(3):252–3

DOPAMINE

Positron emission tomographic scanning demonstrates a presynaptic dopaminergic lesion in Lytico-Bodig. The amyotrophic lateral sclerosis-parkinsonism-dementia complex of Guam. Snow BJ, et al. **Arch Neurol** 1990 Aug; 47(8):870–4

Myocardial catecholamine content after heart transplantation [see comments] Regitz V, et al. **Circulation** 1990 Aug; 82(2):620–3. Comment in: Circulation 1990 Aug;82(2):658–60.

Dopamine clearance in critically ill infants and children: effect of age and organ system dysfunction. Notterman DA, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):138–47

Dopamine inhibits two characterized voltage-dependent calcium currents in identified rat lactotroph cells. Lledo PM, et al. **Endocrinology** 1990 Sep;127(3):990–1001

Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480–6

Renal functional response to dopamine during and after arteriography in patients with chronic renal insufficiency. Hans B, et al. **Radiology** 1990 Sep;176(3):651–4

DOPAMINERGIC AGENTS

Role of dopamine receptors and the utility of dopamine agonists in heart failure. Rajfer SI, et al. **Circulation** 1990 Aug;82(2 Suppl):I97–102 (77 ref.)

Ropinirole without levodopa in Parkinson's disease [letter] Vidailhet MJ, et al. **Lancet** 1990 Aug 4;336(8710):316–7

DOWN-REGULATION (PHYSIOLOGY)

Prolonged thrombocytosis in mice after 5-fluorouracil results from failure to down-regulate megakaryocyte concentration. An experimental model that dissociates regulation of megakaryocyte size and DNA content from megakaryocyte concentration. Chenaille PJ, et al. **Blood** 1990 Aug 1;76(3):508–15

DOWN'S SYNDROME

Episodic macroglossia in Down's syndrome. Padgham ND, et al. **J Laryngol Otol** 1990 Jun;104(6):494–6

Down's syndrome and fertility in older women [letter] Dolk H, et al. **Lancet** 1990 Aug 25;336(8713):511

Prenatal sonographic findings of Down syndrome: review of 94 cases. Nyberg DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):370–7

DOXORUBICIN

Doxorubicin-induced alterations in cultured myocardial cells stimulate cytolytic T lymphocyte responses. Huber SA. **Am J Pathol** 1990 Aug;137(2):449–56

Randomized comparison of doxorubicin and vindesine to doxorubicin for patients with metastatic soft-tissue sarcomas. Borden EC, et al. **Cancer** 1990 Sep 1;66(5):862–7

A phase II study of pirarubicin in malignant pleural mesothelioma. Kaukel E, et al. **Cancer** 1990 Aug 15; 66(4):651–4

Long-term cardiac sequelae after treatment of malignant tumors with radiotherapy or cytostatics in childhood. Mäkinen L, et al. **Cancer** 1990 May 1;65(9):1913–7

Management of malignant ovarian immature teratoma. Role of adriamycin. Vergote IB, et al. **Cancer** 1990 Sep 1; 66(5):882–6 (33 ref.)

Adriamycin-induced increase in serum aldosterone levels: effects in riboflavin-sufficient and riboflavin-deficient rats. Pinto JT, et al. **Endocrinology** 1990 Sep;127(3):1495–501

Gene expression in normal and doxorubicin-impaired wounds: importance of transforming growth factor-beta. Salomon GD, et al. **Surgery** 1990 Aug;108(2):318–22; discussion 322–3

DOXYCYCLINE

Response of HIV-associated disseminated cat scratch disease to treatment with doxycycline. Mui BS, et al. **Am J Med** 1990 Aug;89(2):229–31

Randomised double blind trial of single dose doxycycline for treating cholera in adults. Alam AN, et al. **BMJ** 1990 Jun 23;300(6740):1619–21

Preventing IUCD-related pelvic infection: the efficacy of prophylactic doxycycline at insertion. Sinei SK, et al. **Br J Obstet Gynaecol** 1990 May;97(5):412–9

DRAINAGE

Massive haemorrhage following endoscopic transgastric drainage of pancreatic pseudocyst. Donnelly PK, et al. **Br J Surg** 1990 Jul;77(7):758–9

Management of severe acute cholangitis. Lai EC. **Br J Surg** 1990 Jun;77(6):604–5 (7 ref.)

Ascites after pleuroperitoneal shunting. Roukema JA, et al. **Cancer** 1990 Aug 15;66(4):675–6

Peritonsillar abscess. Why aggressive management is appropriate. Petruzzelli GJ, et al. **Postgrad Med** 1990 Aug; 88(2):99–100, 103–5, 108

The pump maneuver: an atraumatic adjunct to enhance US needle tip localization. Bisceglia M, et al. **Radiology** 1990 Sep;176(3):867–8

Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival. Kamei T, et al. **Surgery** 1990 Aug;108(2):415–21; discussion 421–2

DRINKING

Reduced water and sodium intakes associated with high levels of natriuretic factor following common bile duct ligation in the rabbit. Oms L, et al. **Br J Surg** 1990 Jul; 77(7):752–5

Aluminium deposition in bone after contamination of drinking water supply. Eastwood JB, et al. **Lancet** 1990 Aug 25;336(8713):462–4

DRINKING BEHAVIOR

Caffeine-containing beverages, total fluid consumption, and premenstrual syndrome. Rossignol AM, et al. **Am J Public Health** 1990 Sep;80(9):1106–10

DROPERIDOL

A comparison of the effects of alfentanil/droperidol or fentanyl/droperidol on intra-ocular pressure. Coley S, et al. **Anaesthesia** 1990 Jun;45(6):477–80

DROWNING

Drownings in Minnesota, 1980–85: a population-based study. Hedberg K, et al. **Am J Public Health** 1990 Sep; 80(9):1071–4

Death resulting from motor vehicle immersions: the nature of the injuries, personal and environmental contributing factors, and potential interventions. Wintemute GJ, et al. **Am J Public Health** 1990 Sep;80(9):1068–70

From the Centers for Disease Control. Child drownings and near drownings associated with swimming pools—Maricopa County, Arizona, 1988 and 1989. **JAMA** 1990 Aug 8;264(6):680

A pilot survey of aquatic activities and related consumption of alcohol, with implications for drowning. Howland J, et al. **Public Health Rep** 1990 Jul-Aug;105(4):415–9

DRUG CONTAMINATION

Stopper fragments: a technique for reducing their occurrence [letter] Morparia HK, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):659–60

Potential bacterial contamination in fluorescein-anesthetic solutions. Duffner LR, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):199–202

Haemophilic AIDS patient loses claim in Australia [news] Brahams D. **Lancet** 1990 Jul 28;336(8709):238–9

DRUG EVALUATION

Policies on drugs in the new Europe [editorial] Smith T. **BMJ** 1990 Jun 9;300(6738):1476–7

DRUG HYPERSENSITIVITY

Anaphylactic reaction to barium enema [letter] al-Mudallal R, et al. **Am J Med** 1990 Aug;89(2):251

Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Cavanzo FJ, et al. **Gastroenterology** 1990 Sep;99(3):854–6

Antibiotic-associated acute necrotizing esophagitis [letter] Mangan TF, et al. **Gastroenterology** 1990 Sep;99(3):900

"Treating through" hypersensitivity to cotrimoxazole in children with HIV infection [letter] Kreuz W, et al. **Lancet** 1990 Aug 25;336(8713):508–9

Allergic nephropathy associated with ciprofloxacin. Rastogi S, et al. **Mayo Clin Proc** 1990 Jul;65(7):987–9

DRUG INCOMPATIBILITY

Intravenous drug compatibility [editorial; comment] DeMonaco HJ. **Crit Care Med** 1990 Aug;18(8):896. Comment on: Crit Care Med 1990 Aug;18(8):858–61.

DRUG INDUSTRY

Physicians and the pharmaceutical industry [letter] **Ann Intern Med** 1990 Sep 1;113(5):407–8

A piece of my mind. A snorkel, a 5-iron, and a pen. Nelson JC. **JAMA** 1990 Aug 8;264(6):742

New guidelines expected in 1991 for relationship of continuing education, financial support [news] Randall T. **JAMA** 1990 Sep 5;264(9):1080

Haemophilic AIDS patient loses claim in Australia [news] Brahams D. **Lancet** 1990 Jul 28;336(8709):238–9

Voluntary control of drug promotion in Sweden. Perman E. **N Engl J Med** 1990 Aug 30;323(9):616–7

DRUG LABELING

Labelling cosmetics with their ingredients. de Groot AC. **BMJ** 1990 Jun 23;300(6740):1636–8

From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677

DRUG PACKAGING

Stopper fragments: a technique for reducing their occurrence [letter] Morparia HK, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):659–60

Household survey of child-safe packaging for medications. Gulaid JA, et al. **Public Health Rep** 1990 Jul-Aug; 105(4):430–2

DRUG RESISTANCE

Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug

resistance. Kuwazuru Y, et al. **Cancer** 1990 Sep 1; 66(5):868–73
Mechanisms and modulation of multidrug resistance in primary human renal cell carcinoma [see comments] Mickisch GH, et al. **J Urol** 1990 Sep;144(3):755–9. Comment in: J Urol 1990 Sep;144(3):754.
This month in investigative urology: Multidrug resistance in genitourinary malignancy [comment] Weiss GH, et al. **J Urol** 1990 Sep;144(3):754. Comment on: J Urol 1990 Sep;144(3):755–9.

DRUG SCREENING ASSAYS, ANTITUMOR

Expression of P-glycoprotein in epithelial ovarian cancer: evaluation as a marker of multidrug resistance. Rubin SC, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):69–73

DRUG THERAPY

Determination of serum drug concentrations in the office [letter] Walson PD. **J Pediatr** 1990 Aug;117(2 Pt 1):345–6

DRUG UTILIZATION

Drug usage by anaesthetists [letter] Mirakhur RK. **Anaesthesia** 1990 Jun;45(6):500–1
Effects of a rapid antigen test for group A streptococcal pharyngitis on physician prescribing and antibiotic costs. Meier FA, et al. **Arch Intern Med** 1990 Aug; 150(8):1696–700

DTPA

Rheumatoid knee: role of gadopentetate-enhanced MR imaging. Kursunoglu-Brahme S, et al. **Radiology** 1990 Sep; 176(3):831–5
Severe anaphylactoid reaction to Gd-DTPA [letter] Lufkin RB. **Radiology** 1990 Sep;176(3):879

DUCTUS ARTERIOSUS

Ductus arteriosus flow velocity modulation by fetal breathing movements as a measure of fetal lung development. van Eyck J, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):558–66
Topical prostaglandin E2 gel for cervical ripening and closure of the ductus arteriosus in the newborn. Sung RY, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):703–4

DUCTUS ARTERIOSUS, PATENT

Congenital absence of the pulmonary valve, intact interventricular septum, and patent ductus arteriosus: management in a newborn infant. Lau KC, et al. **Am Heart J** 1990 Sep;120(3):711–4 (8 ref.)
Radiological case of the month. Idiopathic aortic thrombosis. Leonor MQ, et al. **Am J Dis Child** 1990 Aug;144(8):935–6

DUODENAL DISEASES

Activity of duodenal disaccharidases in relation to normal and abnormal mucosal morphology. Langman JM, et al. **J Clin Pathol** 1990 Jul;43(7):537–40

DUODENAL NEOPLASMS

Duodenal villous tumors. Bjork KJ, et al. **Arch Surg** 1990 Aug;125(8):961–5

DUODENAL ULCER

Abstracts of the Second International Symposium on Experimental and New Therapeutic Approaches to Ulcer Disease. A satellite meeting of the 11th International Congress of Pharmacology. July 10–12, 1990, Pécs, Hungary. **Dig Dis Sci** 1990 Aug;35(8):1025–44
Double blind comparative study of omeprazole and ranitidine in patients with duodenal or gastric ulcer: a multicentre trial. Cooperative study group. **Gut** 1990 Jun;31(6):653–6
Age of onset of symptoms in duodenal and gastric ulcer. Kang JY. **Gut** 1990 Aug;31(8):854–7
Increased relapse of duodenal ulcers in patients treated with cognitive psychotherapy [letter] Wilhelmsen I, et al. **Lancet** 1990 Aug 4;336(8710):307

DUODENITIS

Helicobacter pylori-related gastroduodenal disease in children. Diagnostic utility of enzyme-linked immunosorbent assay. Glassman MS, et al. **Dig Dis Sci** 1990 Aug;35(8):993–7

DUODENOGASTRIC REFLUX

Clinical use of 24-hour gastric pH monitoring vs o-diisopropyl iminodiacetic acid (DISIDA) scanning in the diagnosis of pathologic duodenogastric reflux. Stein HJ, et al. **Arch Surg** 1990 Aug;125(8):966–70; discussion 970–1
Ambulatory 24-hr pH monitoring of esophagus, fundus, and antrum. A new technique for simultaneous study of gastroesophageal and duodenogastric reflux. Mattioli S, et al. **Dig Dis Sci** 1990 Aug;35(8):929–38

DUODENUM

Stimulation of calbindin-D9K (CaBP9K) gene expression by calcium and 1,25-dihydroxycholecalciferol in fetal rat duodenal organ culture. Brehier A, et al. **Endocrinology** 1990 Aug;127(2):580–7
Biological activity assessment of 1 alpha,25-dihydroxyvitamin D3-26,23-lactone and its intermediate metabolites in vivo and in vitro. Ishizuka S, et al. **Endocrinology** 1990 Aug;127(2):695–701
Quantitative histological study of mucosal inflammatory cell densities in endoscopic duodenal biopsy specimens from dyspeptic patients using computer linked image analysis. Collins JS, et al. **Gut** 1990 Aug;31(8):858–61
Activity of duodenal disaccharidases in relation to normal and abnormal mucosal morphology. Langman JM, et al. **J Clin Pathol** 1990 Jul;43(7):537–40
Pancreaticoduodenal artery aneurysms: changing patterns. Granke K, et al. **South Med J** 1990 Aug;83(8):918–21 (21 ref.)

DYES

Differential marking of excision planes in screened breast lesions by organically coloured gelatins. Armstrong JS, et al. **J Clin Pathol** 1990 Jul;43(7):604–7

DYNORPHIN

Effect of hypertonic saline infusion on the level of immunoreactive dynorphin in extracted human plasma. Margioris AN, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):298–304

DYSENTERY, BACILLARY

Novel dihydrofolate reductases isolated from epidemic strains of trimethoprim/sulfamethoxazole-resistant Shigella sonnei. Barg NL, et al. **J Infect Dis** 1990 Aug;162(2):466–73
Therapy for shigellosis. II. Randomized, double-blind comparison of ciprofloxacin and ampicillin. Bennish ML, et al. **J Infect Dis** 1990 Sep;162(3):711–6
From the National Institute of Allergy and Infectious Diseases. Summary of the 25th United States-Japan Joint Conference on cholera and related diarrheal diseases. Spriggs DR, et al. **J Infect Dis** 1990 Sep;162(3):584–90

DYSGAMMAGLOBULINEMIA

Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Feigert JM, et al. **Ann Intern Med** 1990 Sep 1;113(5):362–7
Hypogammaglobulinemia in uremic infants receiving peritoneal dialysis. Katz A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):258–61

DYSGERMINOMA

Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Russell SA, et al. **Br J Radiol** 1990 Jun;63(750):492–4
Bilateral synchronous testis tumors of different histology in a patient with the acquired immunodeficiency syndrome related complex. Roehrborn CG, et al. **J Urol** 1990 Aug; 144(2 Pt 1):353–5
Modern radiotherapy results with bulky stages II and III seminoma. Smalley SR, et al. **J Urol** 1990 Sep;144(3):685–9

DYSKINESIA, DRUG-INDUCED

Factors in the development of severe forms of tardive dyskinesia. Yassa R, et al. **Am J Psychiatry** 1990 Sep; 147(9):1156–63

DYSLEXIA

Brain morphology in developmental dyslexia and attention deficit disorder/hyperactivity. Hynd GW, et al. **Arch Neurol** 1990 Aug;47(8):919–26
Prevalence of reading disability in boys and girls. Results of the Connecticut Longitudinal Study. Shaywitz SE, et al. **JAMA** 1990 Aug 22-29;264(8):998–1002

DYSMENORRHEA

Hysterectomy for chronic pelvic pain of presumed uterine etiology [letter] Rulin MC. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):478

DYSPEPSIA

The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al. **Ann Emerg Med** 1990 Jul;19(7):785–8
Dyspepsia in general practice [letter] Shorvon PJ. **BMJ** 1990 Jul 7;301(6742):46
Quantitative histological study of mucosal inflammatory cell densities in endoscopic duodenal biopsy specimens from dyspeptic patients using computer linked image analysis. Collins JS, et al. **Gut** 1990 Aug;31(8):858–61
Helicobacter pylori and gastritis in patients with peptic ulcer and non-ulcer dyspepsia: ethnic differences in Singapore. Kang JY, et al. **Gut** 1990 Aug;31(8):850–3
Bismuth and dyspepsia. **Lancet** 1990 Aug 25;336(8713):472–3 (10 ref.)

DYSPLASTIC NEVUS SYNDROME

Dysplastic nevi and malignant melanoma. Crutcher WA, et al. **Am Fam Physician** 1990 Aug;42(2):372–85 (35 ref.)

DYSPNEA

Acute symptoms due to a huge duplication cyst ruptured into the esophagus. Nakahara K, et al. **Ann Thorac Surg** 1990 Aug;50(2):309–11
Dyspnea. Pathophysiologic basis, clinical presentation, and management. Tobin MJ. **Arch Intern Med** 1990 Aug; 150(8):1604–13 (97 ref.)
Correlations between dyspnea, diaphragm and sternomastoid recruitment during inspiratory resistance breathing in normal subjects. Breslin EH, et al. **Chest** 1990 Aug; 98(2):298–302

DYSTOCIA

Epidural analgesia and cesarean section for dystocia [letter] Chestnut DH. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):247–9

DYSTONIA

Parkinsonism-dystonia syndrome and ECT [letter] Lauterbach EC, et al. **Am J Psychiatry** 1990 Sep; 147(9):1249–50
Prevalence of neuroleptic-induced dystonia in mania and schizophrenia. Remington GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1231–3
Post whiplash dystonia well controlled by transcutaneous electrical nervous stimulation (TENS): case report. Foley-Nolan D, et al. **J Trauma** 1990 Jul;30(7):909–10

EAR

Unilateral duplication of the cerebellar hemisphere and internal, middle, and external ear: a clinical case study. Jackson JM, et al. **Plast Reconstr Surg** 1990 Sep;86(3):550–3

EAR CANAL

Cholesterol granuloma presenting in the ear canal. Matt BH, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):672–3

EAR DEFORMITIES, ACQUIRED

Reconstruction of the concha of the ear using a postauricular island flap. Chen C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):569–72

EAR, EXTERNAL

Pseudocyst of the auricle [letter] Cohen PR, et al. **Am J Med** 1990 Aug;89(2):249–50 (8 ref.)
Borderline personality and multiple earrings: a possible correlation? [letter] Ali AH. **Am J Psychiatry** 1990 Sep; 147(9):1251
Reconstruction of the concha of the ear using a postauricular island flap. Chen C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):569–72

EAR, MIDDLE

Morphologic and biochemical study of vascular permeability of the middle ear mucosa in experimental otitis media. Sakagami M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug; 99(8):654–9

EAR NEOPLASMS

Stereotactic radiosurgery for acoustic neuromas. Lunsford LD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):907–9 (9 ref.)

EAR OSSICLES

Use of the argon laser in the treatment of malleus fixation. Sands CJ, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):975–6
Unusual case of bilateral conductive deafness. Hoare TJ, et al. **J Laryngol Otol** 1990 Jul;104(7):560–1

EATING

Moderate alcohol intake and spontaneous eating patterns of humans: evidence of unregulated supplementation. de Castro JM, et al. **Am J Clin Nutr** 1990 Aug;52(2):246–53
Postingestional effects of a high-protein diet on the regulation of food intake in monkeys. Hannah JS, et al. **Am J Clin Nutr** 1990 Aug;52(2):320–5
Acute effects of exercise on food intake in obese and nonobese women. Kissileff HR, et al. **Am J Clin Nutr** 1990 Aug;52(2):240–5
Maternal and fetal responses to the stresses of lactation concurrent with pregnancy and of short recuperative intervals. Merchant K, et al. **Am J Clin Nutr** 1990 Aug; 52(2):280–8

How long to abstain from eating red meat before fecal occult blood tests. Feinberg EJ, et al. **Ann Intern Med** 1990 Sep 1;113(5):403–4

Fed, but not fasted, adrenalectomized rats survive the stress of hemorrhage and hypovolemia. Darlington DN, et al. **Endocrinology** 1990 Aug;127(2):759–65

Selective stimulation of colonic motor response to a meal by sigma ligands in dogs. Junien JL, et al. **Gastroenterology** 1990 Sep;99(3):684–9

Assessment and implications of the dietary intakes of hospitalized psychogeriatric patients. Martinez JA, et al. **J Am Diet Assoc** 1990 Aug;90(8):1111–4

Food and nutrient intake of 6- to 12-month-old infants fed formula or cow milk: a summary of four national surveys. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S86–100

Small-bowel origin of the signal for meal-induced jejunal absorption. Bastidas JA, et al. **Surgery** 1990 Aug; 108(2):376–83

EATING DISORDERS

Relation of clinical variables to dissociative phenomena in eating disorders. Demitrack MA, et al. **Am J Psychiatry** 1990 Sep;147(9):1184–8

From the National Institutes of Health. Raub W. **JAMA** 1990 Sep 5;264(9):1086

ECCHYMOSIS

Clinically significant hemorrhage due to warfarin-carbamazepine interaction. Denbow CE, et al. **South Med J** 1990 Aug;83(8):981

ECHINOCOCCOSIS

Cardiac hydatid cyst in a child. Ben-Musa AA, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):409–11

ECHINOCOCCOSIS, HEPATIC

Alveolar echinococcosis with involvement of the ureter and testis. Strohmaier WL, et al. **J Urol** 1990 Sep;144(3):733–4

ECHINOCOCCOSIS, PULMONARY

Asymptomatic pulmonary cyst in a college student. Burlew BP, et al. **Chest** 1990 Aug;98(2):455–7

ECHOCARDIOGRAPHY

Echocardiographic visualization of a large mobile right atrial thrombus with sudden embolization during real-time scanning. Adamick R, et al. **Am Heart J** 1990 Sep; 120(3):699–701

Dissecting aortic aneurysm eight years after aortic commissurotomy for congenital aortic stenosis: detailed identification by transesophageal echocardiography. Porter T, et al. **Am Heart J** 1990 Sep;120(3):716–8

Detection of intracavitary right ventricular polypoid masses due to metastatic lymphoma using contrast echocardiography. Schmidt DR, et al. **Am Heart J** 1990 Aug;120(2):446–9

Transesophageal echocardiographic diagnosis of papillary muscle rupture complicating acute myocardial infarction. Stoddard MF, et al. **Am Heart J** 1990 Sep;120(3):690–2

Unusual mitral annular vegetation diagnosed by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Aug;120(2):444–6

Protruding atherosclerotic plaque in the aortic arch of patients with systemic embolization: a new finding seen by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Sep;120(3):658–60

Detection of microbubbles released by oxygenators during cardiopulmonary bypass by intraoperative transesophageal echocardiography. Meloni L, et al. **Am J Cardiol** 1990 Aug 15;66(4):511–4

Safety of transesophageal echocardiography is still unclear [letter] Savino JS, et al. **Anesthesiology** 1990 Aug; 73(2):366–7

Cross sectional echocardiographic identification of hypoplastic left heart syndrome and differentiation from other causes of right ventricular overload. Ludman P, et al. **Br Heart J** 1990 Jun;63(6):355–61

Changing role of non-invasive investigation in the preoperative assessment of congenital heart disease: a nine year experience. Sreeram N, et al. **Br Heart J** 1990 Jun; 63(6):345–9

Usefulness of left and right oblique subcostal view in the echo-Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo-Doppler evaluation of pulmonary blood flow. Ferrazza A, et al. **Chest** 1990 Aug;98(2):286–9

Doppler-derived rate of left ventricular pressure rise. Its correlation with the postoperative left ventricular function in mitral regurgitation. Pai RG, et al. **Circulation** 1990 Aug; 82(2):514–20

Natural history of left ventricular size and function after acute myocardial infarction. Assessment and prediction by echocardiographic endocardial surface mapping. Picard MH, et al. **Circulation** 1990 Aug;82(2):484–94

Safety and efficacy of a new transpulmonary ultrasound contrast agent: initial multicenter clinical results. Feinstein SB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):316–24

Comparative values of the precordial and transesophageal approaches in the echocardiographic evaluation of atrial baffle function after an atrial correction procedure. Kaulitz R, et al. **J Am Coll Cardiol** 1990 Sep;16(3):686–94

Right atrial compression in postoperative cardiac patients: detection by transesophageal echocardiography. Kochar GS, et al. **J Am Coll Cardiol** 1990 Aug;16(2):511–6

Transesophageal echocardiography in children: new peephole to the heart [comment] Ritter SB. **J Am Coll Cardiol** 1990 Aug;16(2):447–50 (46 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):442–6.

Malaligned outlet septum with subpulmonary ventricular septal defect and abnormal ventriculoarterial connection: a morphologic spectrum defined echocardiographically [see comments] Roberson DA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):459–68. Comment in: J Am Coll Cardiol 1990 Aug;16(2):469–70.

Diagnosis of atrial situs by transesophageal echocardiography [see comments] Stümper OF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):442–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):447–50.

Transesophageal echocardiography in children with congenital heart disease: an initial experience. Stümper OF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):433–41

Routine use of intraoperative epicardial echocardiography and Doppler color flow imaging to guide and evaluate repair of congenital heart lesions. A prospective study. Ungerleider RM, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):297–309

ECHOCARDIOGRAPHY, DOPPLER

Influence of beta-adrenergic blockade upon hemodynamic response to exercise assessed by Doppler echocardiography. Clifton GD, et al. **Am Heart J** 1990 Sep;120(3):579–85

Right atrial infarction and cardiogenic shock complicating acute myocardial infarction: diagnosis by transesophageal echocardiography. Hilton TC, et al. **Am Heart J** 1990 Aug; 120(2):427–30

Noninvasive evaluation of the magnitude of aortic and mitral regurgitation by means of Doppler two-dimensional echocardiography. Kurokawa S, et al. **Am Heart J** 1990 Sep;120(3):638–48

Transesophageal color flow Doppler evaluation of cor triatriatum in an adult. Ludomirsky A, et al. **Am Heart J** 1990 Aug;120(2):451–5

Transmitral flow velocity in symptomatic severe aortic regurgitation: utility of Doppler for determination of preclosure of the mitral valve. Marcus RH, et al. **Am Heart J** 1990 Aug;120(2):449–51

Echocardiographic abnormalities in type IV mucopolysaccharidosis. John RM, et al. **Arch Dis Child** 1990 Jul;65(7):746–9

Usefulness of left and right oblique subcostal view in the echo-Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo-Doppler evaluation of pulmonary blood flow. Ferrazza A, et al. **Chest** 1990 Aug;98(2):286–9

Pulsed Doppler echocardiography in the diagnosis of pulmonary hypertension in COPD. Miguéres M, et al. **Chest** 1990 Aug;98(2):280–5

Validation and applications of indexed aortic prosthetic valve areas calculated by Doppler echocardiography. Dumesnil JG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):637–43

Aortic regurgitation shortens Doppler pressure half-time in mitral stenosis: clinical evidence, in vitro simulation and theoretic analysis. Flachskampf FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):396–404

Ultrasonic aortic valve decalcification: serial Doppler echocardiographic follow-up [see comments] Freeman WK, et al. **J Am Coll Cardiol** 1990 Sep;16(3):623–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):631–2.

Aortic valve morphology: an important in vitro determinant of proximal regurgitant jet width by Doppler color flow mapping. Taylor AL, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):405–12

Analysis of the early transmitral Doppler velocity curve: effect of primary physiologic changes and compensatory preload adjustment. Thomas JD, et al. **J Am Coll Cardiol** 1990 Sep;16(3):644–55

Routine use of intraoperative epicardial echocardiography and Doppler color flow imaging to guide and evaluate repair of congenital heart lesions. A prospective study. Ungerleider RM, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):297–309

ECLAMPSIA

Epidemiology of preeclampsia and eclampsia in the United States, 1979–1986. Saftlas AF, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):460–5

Postpartum eclampsia: a recurring perinatal dilemma. Miles JF Jr, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):328–31

ECOLOGY

Medical responsibility and global environmental change. McCally M, et al. **Ann Intern Med** 1990 Sep 15; 113(6):467–73 (44 ref.)

ECONOMICS, HOSPITAL

Disproportionate-share payment sparks policy debate. Burke M. **Hospitals** 1990 Aug 20;64(16):33–4, 36

First look at 1990: expenses up, revenue fades. Coleman J. **Hospitals** 1990 Aug 5;64(15):70–1

ECTODERMAL DYSPLASIA

Sweating in ectodermal dysplasia syndromes. A review. Berg D, et al. **Arch Dermatol** 1990 Aug;126(8):1075–9 (57 ref.)

EDEMA

High-voltage pulsed direct current: effect on edema formation after hyperflexion injury. Bettany JA, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):677–81

Red man syndrome associated with amphotericin B. Ellis ME, et al. **BMJ** 1990 Jun 2;300(6737):1468

EDUCATION, MEDICAL

Investigating the nature of the morbidity and mortality conference. Biddle C, et al. **Acad Med** 1990 Jun;65(6):420

Development of medical education in China. Deng YZ. **Acad Med** 1990 Aug;65(8):512–4

The extent of transfusion medicine education during the fourth year at U.S. and Canadian medical schools. Fang WL, et al. **Acad Med** 1990 Jun;65(6):419

Postbaccalaureate preparation and performance in medical school. Hojat M, et al. **Acad Med** 1990 Jun;65(6):388–91

An integrated anatomy and cardiopulmonary resuscitation course. Nelson MS. **Acad Med** 1990 Jun;65(6):421

Academic medicine and the National Board: a love-hate relationship? [editorial] Stemmler EJ. **Acad Med** 1990 Jun; 65(6):380–1

Implementing nutrition into the medical curriculum: a user's guide. Kushner RF, et al. **Am J Clin Nutr** 1990 Aug; 52(2):401–3

Standardized testing of patient management skills. A computer-based method. Volle RL. **Clin Orthop** 1990 Aug; (257):47–51

Medical education programs sponsored by government agencies. **JAMA** 1990 Aug 15;264(7):851–6

An estimable legacy. Martini CJ. **JAMA** 1990 Aug 15; 264(7):795–7

The debt and the cash flow of residents: II. And now for the future: the end of HEAL? [letter] Walden TL Jr. **JAMA** 1990 Sep 12;264(10):1249–50

A computerized simulator for critical-care training: new technology for medical education. Saliterman SS. **Mayo Clin Proc** 1990 Jul;65(7):968–78

Education of the physician in child abuse. Alexander RC. **Pediatr Clin North Am** 1990 Aug;37(4):971–88 (31 ref.)

Ignorance—inevitable but invigorating [editorial; comment] Moser RH. **West J Med** 1990 Jul;153(1):76–7. Comment on: West J Med 1990 Jul;153(1):17–23.

Medical ignorance, AIDS-Kaposi's sarcoma complex, and the lymphatic system [see comments] Witte MH, et al. **West J Med** 1990 Jul;153(1):17–23. Comment in: West J Med 1990 Jul;153(1):76–7.

EDUCATION, MEDICAL, CONTINUING

The relationship between residency programs and fellowships in the educational setting. Allen WC. **Clin Orthop** 1990 Aug;(257):57–60

New guidelines expected in 1991 for relationship of continuing education, financial support [news] Randall T. **JAMA** 1990 Sep 5;264(9):1080

Continuing medical education. Wentz DK, et al. **JAMA** 1990 Aug 15;264(7):836–40

Postgraduate training in Italy. Santamaria L. **Lancet** 1990 Aug 4;336(8710):314–5

EDUCATION, MEDICAL, GRADUATE

Two methods of including postgraduate students as observers of psychotherapy. Davanzo H, et al. **Acad Med** 1990 Aug; 65(8):542

The association between students' research involvement in medical school and their postgraduate medical activities. Segal S, et al. **Acad Med** 1990 Aug;65(8):530–3

Academic missions of division chiefs in pediatric departments. II. The division chief as a teacher of adults. Daeschner CW Jr. **Am J Dis Child** 1990 Aug;144(8):891–3

Academic missions of division chiefs in pediatric departments. I. The division chief as an administrator. Fiser RH Jr. **Am J Dis Child** 1990 Aug;144(8):889–90

Academic missions of division chiefs in pediatric departments. III. The division chief as a director of fellowship training. Stapleton FB. **Am J Dis Child** 1990 Aug;144(8):893–5

Teaching status and resource use for patients with acute myocardial infarction: a new look at the indirect costs of graduate medical education. Udvarhelyi IS, et al. **Am J Public Health** 1990 Sep;80(9):1095–100

Anaesthesia simulators and training devices [editorial] Good ML. **Anaesthesia** 1990 Jul;45(7):525–6

Postgraduate training in Europe for the next decade. Organizing Committee for the Workshop on Postgraduate Pediatric Training in Europe—Padua 1989.

Arch Dis Child 1990 Jun;65(6):644–5
The accreditation of graduate educational programs in orthopedic surgery. Wilson FC. **Clin Orthop** 1990 Aug; (257):18–21
Graduate medical education in the United States. Rowley BD, et al. **JAMA** 1990 Aug 15;264(7):822–32

EDUCATION, MEDICAL, UNDERGRADUATE

Priorities for nutrition content within a medical school curriculum: a national consensus of medical educators. American Society for Clinical Nutrition Committee on Medical/Dental School and Residency Nutrition Education. **Acad Med** 1990 Aug;65(8):538–40
The quarterly profile examination. Arnold L, et al. **Acad Med** 1990 Aug;65(8):515–6
The effect of surgery clerkship timing on fourth-year students' surgery knowledge. Baciewicz FA Jr, et al. **Acad Med** 1990 Aug;65(8):543
College health services as a site for ambulatory care training of residents and medical students. Chuck JM, et al. **Acad Med** 1990 Aug;65(8):527–9
Does an ambulatory-care experience influence third-year students to select a career in internal medicine? Fincher RM, et al. **Acad Med** 1990 Jun;65(6):421
The association between students' research involvement in medical school and their postgraduate medical activities. Segal S, et al. **Acad Med** 1990 Aug;65(8):530–3
The nursing home as a site for teaching medical students. Wiener M, et al. **Acad Med** 1990 Jun;65(6):412–4
Analyzing clinical case distributions to improve an emergency medicine clerkship. De Lorenzo RA, et al. **Ann Emerg Med** 1990 Jul;19(7):746–51
Surgery in the undergraduate curriculum—a statement by the Association of Professors of Surgery. Taylor I, et al. **Br J Surg** 1990 Jul;77(7):822–3
Undergraduate medical education. Jonas HS, et al. **JAMA** 1990 Aug 15;264(7):801–9
Test performance of a local examination at a nonlocal site for evaluation of surgical clerks. Dunnington G, et al. **Surgery** 1990 Aug;108(2):236–9

EDUCATION, NURSING

The nursing shortage: dynamics and solutions. A response from an educational perspective. Martin CE. **Nurs Clin North Am** 1990 Sep;25(3):561–8
The nursing shortage: dynamics and solutions. The three R's: recruitment, restructuring the environment, and reformulating the curriculum. Regan PF. **Nurs Clin North Am** 1990 Sep;25(3):517–24

EDUCATION, PREMEDICAL

Postbaccalaureate preparation and performance in medical school. Hojat M, et al. **Acad Med** 1990 Jun;65(6):388–91

EDUCATION, SPECIAL

Paediatrician to a special school. Lewis S. **Arch Dis Child** 1990 Jul;65(7):803–6

EDUCATIONAL MEASUREMENT

The quarterly profile examination. Arnold L, et al. **Acad Med** 1990 Aug;65(8):515–6
Predictive validity of a national examination for medical graduates in the People's Republic of China. Liu BX, et al. **Acad Med** 1990 Aug;65(8):505–11
Revitalizing the undergraduate college—medical school linkage [letter] Thomson WA, et al. **Acad Med** 1990 Aug; 65(8):522
The resident selection process in otolaryngology-head and neck surgery. Calhoun KH, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1041–3
Standardized testing of patient management skills. A computer-based method. Volle RL. **Clin Orthop** 1990 Aug; (257):47–51
Student evaluation in obstetrics and gynecology: self- versus departmental assessment. Herbert WN, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):458–61
Test performance of a local examination at a nonlocal site for evaluation of surgical clerks. Dunnington G, et al. **Surgery** 1990 Aug;108(2):236–9

EDUCATIONAL STATUS

Relationship of head circumference to measures of school performance. Desch LW, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):389–92
Otitis media in infancy and intellectual ability, school achievement, speech, and language at age 7 years. Greater Boston Otitis Media Study Group. Teele DW, et al. **J Infect Dis** 1990 Sep;162(3):685–94

EFFICIENCY

Waiting patiently. Goitein M. **N Engl J Med** 1990 Aug 30; 323(9):604–8

EGG PROTEINS

Occupational asthma in the egg processing industry [editorial; comment] Reed CE. **Chest** 1990 Aug;98(2):261–2. Comment on: Chest 1990 Aug;98(2):398–404.
Evaluation of occupational asthma from airborne egg protein exposure in multiple settings [see comments] Smith AB, et al. **Chest** 1990 Aug;98(2):398–404. Comment in: Chest 1990 Aug;98(2):261–2.

EGG PROTEINS, DIETARY

Lymphocyte responses to food antigens in patients with atopic dermatitis who are sensitive to foods. Kondo N, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):253–60

EGGS

Occupational asthma in the egg processing industry [editorial; comment] Reed CE. **Chest** 1990 Aug;98(2):261–2. Comment on: Chest 1990 Aug;98(2):398–404.
Evaluation of occupational asthma from airborne egg protein exposure in multiple settings [see comments] Smith AB, et al. **Chest** 1990 Aug;98(2):398–404. Comment in: Chest 1990 Aug;98(2):261–2.

EGO

Success of alcoholics anonymous [letter] Hoffman GK. **Am J Psychiatry** 1990 Aug;147(8):1104

EICOSANOIDS

Role of eicosanoids and white blood cells in the beneficial effects of limited reperfusion after ischemia-reperfusion injury in skeletal muscle. Anderson RJ, et al. **Am J Surg** 1990 Aug;160(2):151–5

EJACULATION

Nerve-sparing retroperitoneal lymphadenectomy with preservation of ejaculation. Donohue JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):287–91; discussion 291–2

EJACULATORY DUCTS

Transrectal prostate ultrasonography as a diagnostic and therapeutic aid for ejaculatory duct obstruction. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):356–8

ELASTIC TISSUE

Intraluminal fibrosis and elastic fiber degradation lead to lung remodeling in pulmonary Langerhans cell granulomatosis (histiocytosis X). Fukuda Y, et al. **Am J Pathol** 1990 Aug; 137(2):415–24

ELASTIN

The effect of 60% oxygen on air-space enlargement and cross-linked elastin synthesis in hamsters with elastase-induced emphysema. Cantor JO, et al. **Am Rev Respir Dis** 1990 Sep;142(3):668–73

ELBOW JOINT

Pulled elbow and hypermobility of joints. Amir D, et al. **Clin Orthop** 1990 Aug;(257):94–9
A surgical approach to the elbow. Stanley D, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):728–9
Imaging of the elbow. Sauser DD, et al. **Radiol Clin North Am** 1990 Sep;28(5):923–40 (27 ref.)

ELECTRIC COUNTERSHOCK

Accidental deactivation of the automatic implantable cardioverter defibrillator. Bonnet CA, et al. **Am Heart J** 1990 Sep;120(3):696–7
Changes in transmyocardial impedance during prolonged ventricular fibrillation. Implications for current flow and delivered energy during DC countershock. Mahmud R, et al. **Am Heart J** 1990 Aug;120(2):334–9
Return of atrial mechanical function following electrical conversion of atrial dysrhythmias. O'Neill PG, et al. **Am Heart J** 1990 Aug;120(2):353–9
Automatic internal cardioverter defibrillator lockout. Vlay SC, et al. **Am Heart J** 1990 Sep;120(3):697–8
Management of complications associated with a first-generation endocardial defibrillation lead system for implantable cardioverter-defibrillators. Tullo NG, et al. **Am J Cardiol** 1990 Aug 15;66(4):411–5
Clinical interactions between pacemakers and automatic implantable cardioverter-defibrillators. Calkins H, et al. **J Am Coll Cardiol** 1990 Sep;16(3):666–73
Efficacy of the automatic implantable cardioverter-defibrillator in prolonging survival in patients with severe underlying cardiac disease. Fogoros RN, et al. **J Am Coll Cardiol** 1990 Aug;16(2):381–6
Management of survivors of cardiac arrest: is electrophysiologic testing obsolete in the era of implantable defibrillators? [comment] Kim SG. **J Am Coll Cardiol** 1990 Sep;16(3):756–62 (48 ref.). Comment on: J Am Coll Cardiol 1990 Sep;16(3):657–65.
Low energy synchronous transcatheter cardioversion of atrial flutter/fibrillation in the dog. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):497–501
Defibrillator failures. Causes of problems and recommendations for improvement. Defibrillator Working Group. Cummins RO, et al. **JAMA** 1990 Aug 22–29; 264(8):1019–25

ELECTRIC INJURIES

Lightning injuries. Blount BW. **Am Fam Physician** 1990 Aug; 42(2):405–15 (47 ref.)

ELECTRIC STIMULATION

Muscle stimulators [letter] Delitto A, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):711–2

ELECTRIC STIMULATION THERAPY

High-voltage pulsed direct current: effect on edema formation after hyperflexion injury. Bettany JA, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):677–81
Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Hirokawa S, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):687–94
Blood flow in the gluteus maximus of seated individuals during electrical muscle stimulation. Levine SP, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):682–6
Control of defecation in patients with spinal injuries by stimulation of sacral anterior nerve roots. MacDonagh RP, et al. **BMJ** 1990 Jun 9;300(6738):1494–7
Multiple graft harvestings from deep partial-thickness scald wounds healed under the influence of weak direct current. Chu CS, et al. **J Trauma** 1990 Aug;30(8):1044–9; discussion 1049–50
Phrenic nerve stimulation in quadriplegia [letter] **Lancet** 1990 Aug 18;336(8712):446–7

ELECTROCARDIOGRAPHY

ECG and enzymatic indicators of therapeutic success after intravenous streptokinase for acute myocardial infarction. Clemmensen P, et al. **Am Heart J** 1990 Sep;120(3):503–9
The clinical significance of exercise-induced ST segment changes in patients with previous inferior myocardial infarction. Hosoya Y, et al. **Am Heart J** 1990 Sep; 120(3):554–61
Effects of thrombolysis on the 12-lead signal-averaged ECG in the early postinfarction period. Leor J, et al. **Am Heart J** 1990 Sep;120(3):495–502
New coronary artery disease index based on exercise-induced QRS changes. Michaelides AP, et al. **Am Heart J** 1990 Aug;120(2):292–302
Clinical implications of exercise-induced chest pain: comparison of patients with and without pathologic Q waves in coronary artery disease. Ozawa T, et al. **Am Heart J** 1990 Sep;120(3):550–4
False positive signal-averaged electrocardiogram produced by atrial flutter. Schrem SS, et al. **Am Heart J** 1990 Sep; 120(3):698–9
Improved prediction of left ventricular mass by regression analysis of body surface potential maps. Kornreich F, et al. **Am J Cardiol** 1990 Aug 15;66(4):485–92
ST monitoring for myocardial ischemia during and after coronary angioplasty. Mizutani M, et al. **Am J Cardiol** 1990 Aug 15;66(4):389–93
Effects of ritodrine tocolysis on cardiac isozymes and electrocardiography [letter] Hendricks SK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):699–701
QT dispersion: an indication of arrhythmia risk in patients with long QT intervals. Day CP, et al. **Br Heart J** 1990 Jun;63(6):342–4
Importance of reciprocal ST segment depression in leads V5 and V6 as an indicator of disease of the left anterior descending coronary artery in acute inferior wall myocardial infarction. Strasberg B, et al. **Br Heart J** 1990 Jun;63(6):339–41
Dramatic electrocardiographic T-wave changes associated with gastric dilatation. Frais MA, et al. **Chest** 1990 Aug; 98(2):489–90
Long QT syndrome. New electrocardiographic characteristics. Benhorin J, et al. **Circulation** 1990 Aug; 82(2):521–7
Assessment of "silent" restenosis and long-term follow-up after successful angioplasty in single vessel coronary artery disease: the value of quantitative exercise electrocardiography and quantitative coronary angiography. Laarman G, et al. **J Am Coll Cardiol** 1990 Sep;16(3):578–85
Q waves in hypertrophic cardiomyopathy in relation to the distribution and severity of right and left ventricular hypertrophy [see comments] Lemery R, et al. **J Am Coll Cardiol** 1990 Aug;16(2):368–74. Comment in: J Am Coll Cardiol 1990 Aug;16(2):375–6.
Q waves in hypertrophic cardiomyopathy: a reassessment [editorial; comment] Maron BJ. **J Am Coll Cardiol** 1990 Aug;16(2):375–6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):368–74.
Effect of coronary angioplasty on electrocardiographic changes in patients with unstable angina secondary to left anterior descending coronary artery disease. Shawl FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):325–31

The electrocardiogram in patients with multiple accessory atrioventricular pathways. Wellens HJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):745–51
Electrocardiographic abnormalities in patients with myotonic dystrophy. Florek RC, et al. **West J Med** 1990 Jul; 153(1):24–7 (26 ref.)

ELECTROCARDIOGRAPHY, AMBULATORY

Crosstalk inhibition of a dual-chamber pacemaker diagnosed by ambulatory electrocardiography. Janosik DL, et al. **Am Heart J** 1990 Aug;120(2):435–8

ELECTROCOAGULATION

Wound infection after abdominal incision with scalpel or diathermy. Johnson CD, et al. **Br J Surg** 1990 Jun; 77(6):626–7
Catheter ablation of Mahaim fibers with preservation of atrioventricular nodal conduction. Haissaguerre M, et al. **Circulation** 1990 Aug;82(2):418–27
Treatment of catecholamine-sensitive right ventricular tachycardia by endocardial catheter ablation. Stevenson WG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):752–5
Diathermy haemostasis at tonsillectomy: current practice—a survey of U.K. otolaryngologists. Murty GE, et al. **J Laryngol Otol** 1990 Jul;104(7):549–52
Ablation of the cystic duct and gallbladder: clinical observations. Becker CD, et al. **Radiology** 1990 Sep; 176(3):687–90

ELECTROCONVULSIVE THERAPY

Please, no more "ECT" [letter] Kellner CH, et al. **Am J Psychiatry** 1990 Aug;147(8):1092–3
Parkinsonism-dystonia syndrome and ECT [letter] Lauterbach EC, et al. **Am J Psychiatry** 1990 Sep; 147(9):1249–50
Evidence for less improvement in depression in patients taking benzodiazepines during unilateral ECT. Pettinati HM, et al. **Am J Psychiatry** 1990 Aug;147(8):1029–35

ELECTRODES

Antimony electrodes. Mucosal potential differences and buffer composition adversely affect pH measurements in the stomach. Opekun AR, et al. **Dig Dis Sci** 1990 Aug; 35(8):950–5

ELECTRODES, IMPLANTED

Management of complications associated with a first-generation endocardial defibrillation lead system for implantable cardioverter-defibrillators. Tullo NG, et al. **Am J Cardiol** 1990 Aug 15;66(4):411–5

ELECTRODIAGNOSIS

Deep peroneal sensory nerve. Standardization in nerve conduction study. Lee HJ, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):202–4
Impaired driving fitness after electrical or magnetic cortical stimulation [letter] Saltuari L, et al. **Lancet** 1990 Sep 1; 336(8714):563

ELECTROENCEPHALOGRAPHY

Effective therapeutic infusions produced by closed-loop feedback control of methohexital administration during total intravenous anesthesia with fentanyl. Schwilden H, et al. **Anesthesiology** 1990 Aug;73(2):225–9
Clinical neurophysiologic studies in stiff-man syndrome: use of simultaneous video-electroencephalographic-surface electromyographic recording. Armon C, et al. **Mayo Clin Proc** 1990 Jul;65(7):960–7
Human hippocampal EEG: effects of behavioral activation. Huh K, et al. **Neurology** 1990 Aug;40(8):1177–81
Myoclonic status epilepticus: a clinical and electroencephalographic study. Jumao-as A, et al. **Neurology** 1990 Aug;40(8):1199–202

ELECTROMAGNETICS

Multichannel biomagnetic system for study of electrical activity in the brain and heart. Schneider S, et al. **Radiology** 1990 Sep;176(3):825–30

ELECTROMYOGRAPHY

Electromyographic versus rhythmic positional biofeedback in computerized gait retraining with stroke patients. Mandel AR, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):649–54
Clinical neurophysiologic studies in stiff-man syndrome: use of simultaneous video-electroencephalographic-surface electromyographic recording. Armon C, et al. **Mayo Clin Proc** 1990 Jul;65(7):960–7

ELECTRONICS

A lighted joystick control for a quadriparetic child with impaired visual awareness. Gragnani JA. **Arch Phys Med Rehabil** 1990 Aug;71(9):709–10

ELECTROPHYSIOLOGY

Electrophysiological testing and nonsustained ventricular tachycardia. Use and limitations in patients with coronary artery disease and impaired ventricular function [see comments] Wilber DJ, et al. **Circulation** 1990 Aug; 82(2):350–8. Comment in: Circulation 1990 Aug;82(2):633–5.

ELECTROSURGERY

Ureteronephroscopic endopyelotomy. Clayman RV, et al. **J Urol** 1990 Aug;144(2 Pt 1):246–51; discussion 251–2

ELLIPTOCYTOSIS, HEREDITARY

Molecular analysis of insertion/deletion mutations in protein 4.1 in elliptocytosis. II. Determination of molecular genetic origins of rearrangements. Conboy J, et al. **J Clin Invest** 1990 Aug;86(2):524–30
Molecular analysis of insertion/deletion mutations in protein 4.1 in elliptocytosis. I. Biochemical identification of rearrangements in the spectrin/actin binding domain and functional characterizations. Marchesi SL, et al. **J Clin Invest** 1990 Aug;86(2):516–23
Two elliptocytogenic alpha I/74 variants of the spectrin alpha I domain. Spectrin Culoz (GGT——GTT; alpha I 40 Gly——Val) and spectrin Lyon (CTT——TTT; alpha I 43 Leu——Phe). Morlé L, et al. **J Clin Invest** 1990 Aug; 86(2):548–54

EMBLEMS AND INSIGNIA

Medical symbols: Shou. Shampo MA, et al. **Mayo Clin Proc** 1990 Jul;65(7):990
Medical symbols: the caduceus. Shampo MA, et al. **Mayo Clin Proc** 1990 Aug;65(8):1159

EMBOLISM

Distal embolization as a presenting symptom of aortic aneurysms. Baxter BT, et al. **Am J Surg** 1990 Aug; 160(2):197–201
Marrow embolus to posterior ciliary vessel. Kalina PH, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):979–80
Vascular complication of knee arthroplasty under tourniquet. A case report. Hagan PF, et al. **Clin Orthop** 1990 Aug; (257):159–61
Cardiac embolism [letter] Lodder J. **Neurology** 1990 Aug; 40(8):1323

EMBOLISM, AIR

Detection of microbubbles released by oxygenators during cardiopulmonary bypass by intraoperative transesophageal echocardiography. Meloni L, et al. **Am J Cardiol** 1990 Aug 15;66(4):511–4
Hyperbaric oxygen therapy for air embolism complicating operative hysteroscopy [letter] Tur-Kaspa I. **Am J Obstet Gynecol** 1990 Aug;163(2):680–1
Left atrial air embolism during intraoperative needle biopsy of a deep pulmonary lesion. Worth ER, et al. **Anesthesiology** 1990 Aug;73(2):342–5
Systemic arterial air embolism in penetrating lung injury. Estrera AS, et al. **Ann Thorac Surg** 1990 Aug;50(2):257–61

EMBOLISM, AMNIOTIC FLUID

Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. Esposito RA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):572–4

EMBOLIZATION, THERAPEUTIC

Effect of percutaneous transcatheter embolization on pulmonary function, right-to-left shunt, and arterial oxygenation in patients with pulmonary arteriovenous malformations. Chilvers ER, et al. **Am Rev Respir Dis** 1990 Aug;142(2):420–5
Prospective randomized controlled trial of hepatic arterial embolization or infusion chemotherapy with 5-fluorouracil and degradable starch microspheres for colorectal liver metastases. Hunt TM, et al. **Br J Surg** 1990 Jul;77(7):779–82
Vascular metastatic lesions of the spine: preoperative embolization. Gellad FE, et al. **Radiology** 1990 Sep; 176(3):683–6

EMBRYO

Embryopathic effects of short-term exposure to hypoglycemia in mouse embryos in vitro. Smoak IW, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):619–24

EMBRYO TRANSFER

Human Fertilisation and Embryology Bill goes to report stage. Braude P, et al. **BMJ** 1990 Jun 2;300(6737):1410–2

EMERGENCIES

Clonidine poisoning in children [letter] Wedin GP, et al. **Am J Dis Child** 1990 Aug;144(8):853–4

EMERGENCY MEDICAL SERVICES

Physicians' patient load per DRG, the consumption of hospital resources, and the incentives of the DRG prospective payment system. Munoz E, et al. **Acad Med** 1990 Aug;65(8):533–8
Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9
The hospital trauma team: a model for trauma management. Deane SA, et al. **J Trauma** 1990 Jul;30(7):806–12
An all-payor prospective payment system (PPS) based on diagnosis-related-groups (DRG): financial impact on reimbursement for trauma care and approaches to minimizing loss. Joy SA, et al. **J Trauma** 1990 Jul; 30(7):866–73
Prospective analysis of rural interhospital transfer of injured patients to a referral trauma center. Martin GD, et al. **J Trauma** 1990 Aug;30(8):1014–9; discussion 1019–20
Defibrillator failures. Causes of problems and recommendations for improvement. Defibrillator Working Group. Cummins RO, et al. **JAMA** 1990 Aug 22–29; 264(8):1019–25

EMERGENCY MEDICINE

The future of critical care medicine within emergency medicine. American College of Emergency Physicians. **Ann Emerg Med** 1990 Jul;19(7):832–5
Emergency medicine education and the HIV epidemic [editorial] Binder LS. **Ann Emerg Med** 1990 Jul;19(7):830–1
Analyzing clinical case distributions to improve an emergency medicine clerkship. De Lorenzo RA, et al. **Ann Emerg Med** 1990 Jul;19(7):746–51
Manpower needs in academic emergency medicine. Gallery ME, et al. **Ann Emerg Med** 1990 Jul;19(7):797–801
An applicant's evaluation of an emergency medicine internship and residency. Koscove EM. **Ann Emerg Med** 1990 Jul;19(7):774–80
Computerized tracking of emergency medicine resident clinical experience. Langdorf MI, et al. **Ann Emerg Med** 1990 Jul;19(7):764–73
Attaining academic department status for emergency medicine within medical schools. Ling LJ. **Ann Emerg Med** 1990 Jul;19(7):793–6
Informed consent: an unresolved issue [letter] Runge JW. **Ann Emerg Med** 1990 Jul;19(7):841
Emergency medicine faculty shortage—the medical school perspective [editorial] Sanders AB. **Ann Emerg Med** 1990 Jul;19(7):826–7
The need for coding systems to evaluate emergency medicine residency programs [editorial] Tintinalli JE. **Ann Emerg Med** 1990 Jul;19(7):827–8

EMERGENCY SERVICE, HOSPITAL

Anesthetics in the ED [letter] Eckhardt WF. **Ann Emerg Med** 1990 Jul;19(7):839–40
AIDS education in the emergency department. Magid D, et al. **Ann Emerg Med** 1990 Jul;19(7):758–63
Managed care plans & denial of care [letter] Morgan MT. **Ann Emerg Med** 1990 Jul;19(7):843
"Bounces": an analysis of short-term return visits to a public hospital emergency department. Pierce JM, et al. **Ann Emerg Med** 1990 Jul;19(7):752–7
A comparison of implicit and explicit methods of process quality assurance for blunt trauma patients. Schriger DL, et al. **Ann Emerg Med** 1990 Jul;19(7):736–40
The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al. **Ann Emerg Med** 1990 Jul;19(7):785–8
Improving the care of patients with major trauma in the accident and emergency department. Fisher RB, et al. **BMJ** 1990 Jun 16;300(6739):1560–3
Care of the suddenly bereaved. Yates DW, et al. **BMJ** 1990 Jul 7;301(6742):29–31

EMIGRATION AND IMMIGRATION

Tranquilizing deportees [letter] Feenan DK. **Can Med Assoc J** 1990 Aug 1;143(3):169–70
The case against HIV antibody testing of refugees and immigrants [letter] Hall PF. **Can Med Assoc J** 1990 Aug 1;143(3):172–3
Immigrant attitudes toward the physician [letter] Anderson R. **JAMA** 1990 Sep 12;264(10):1252

EMPHYSEMA

Oxygen concentrator malfunction [letter] Solanki T, et al. **Lancet** 1990 Aug 25;336(8713):512

EMPLOYMENT

Maternal employment [editorial] Graham PJ. **Arch Dis Child** 1990 Jun;65(6):565–6

EMPTY SELLA SYNDROME

Can empty sella syndrome be mistaken for a progressive form of nonarteritic ischemic optic neuropathy? [letter]

Mutlukan E, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1066–7

EMPYEMA

Pseudomonas aeruginosa empyema in an adult with cystic fibrosis. Mestitz H, et al. **Chest** 1990 Aug;98(2):485–7

ENALAPRIL

Effects of nifedipine SR and enalapril on office, home and ambulatory blood pressure in "white-coat" systemic hypertension. Ashida T, et al. **Am J Cardiol** 1990 Aug 15; 66(4):498–501

Enalapril and metoprolol in diabetic nephropathy [letter] **BMJ** 1990 May 26;300(6736):1399

Enalapril and metoprolol in diabetic nephropathy. Sawicki P, et al. **BMJ** 1990 Jun 2;300(6737):1466

ENALAPRILAT

Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390–2

ENBUCRILATE

Use of histoacryl tissue adhesive to manage an avulsed tooth. McCabe MJ. **BMJ** 1990 Jul 7;301(6742):20–1

ENCEPHALITIS

A pertussis vaccine myth dies [editorial] Fulginiti VA. **Am J Dis Child** 1990 Aug;144(8):860–1

Evolution of brain MRI abnormalities in limbic encephalitis. Dirr LY, et al. **Neurology** 1990 Aug;40(8):1304–6

ENCEPHALITIS, JAPANESE B

From the World Health Organization. Development of dengue and Japanese encephalitis vaccines. Brandt WE. **J Infect Dis** 1990 Sep;162(3):577–83

ENCEPHALITIS VIRUS, JAPANESE

From the World Health Organization. Development of dengue and Japanese encephalitis vaccines. Brandt WE. **J Infect Dis** 1990 Sep;162(3):577–83

ENCEPHALOCELE

Total cranial vault reconstruction for parietal encephalocele. Berman DE, et al. **Plast Reconstr Surg** 1990 Sep;86(3):554–7

ENCEPHALOMALACIA

Value of sonography in the diagnosis of intracranial hemorrhage and periventricular leukomalacia: a postmortem study of 35 cases. Carson SC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):595–601

ENDARTERECTOMY

Initial trial of argon ion laser endarterectomy for peripheral vascular disease. Eugene J, et al. **Arch Surg** 1990 Aug; 125(8):1007–10; discussion 1010–1

ENDOCARDIAL FIBROELASTOSIS

Primary endocardial fibroelastosis associated with hydrops fetalis in a premature infant. Wolfson DJ, et al. **Am Heart J** 1990 Sep;120(3):708–11 (17 ref.)

ENDOCARDITIS

Endocarditis and hip arthritis associated with Scedosporium inflatum. Toy EC, et al. **South Med J** 1990 Aug; 83(8):957–60 (17 ref.)

ENDOCARDITIS, BACTERIAL

Sinusoidal fetal heart rate pattern during cardiopulmonary bypass. Burke AB, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):17–8

Right sided endocarditis after balloon dilatation of the pulmonary valve. Kalra GS, et al. **Br Heart J** 1990 Jun; 63(6):368–9

Neonatal mitral valve endocarditis: diagnosis and successful management. Bullaboy CA, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):398–400

Fatal Staphylococcus saprophyticus native valve endocarditis in an intravenous drug addict [letter] Singh VR, et al. **J Infect Dis** 1990 Sep;162(3):783–4

Ciprofloxacin in a case of Q fever endocarditis [letter] Yebra M, et al. **N Engl J Med** 1990 Aug 30;323(9):614

ENDOCARDIUM

Three cases of fatal cardiac tamponade following ventricular endocardial biopsy. Craven CM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):836–9

Natural history of left ventricular size and function after acute myocardial infarction. Assessment and prediction by echocardiographic endocardial surface mapping. Picard MH, et al. **Circulation** 1990 Aug;82(2):484–94

ENDOCRINE DISEASES

Endocrine evaluation of adults with mild hypospadias. Gearhart JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):274–7

ENDOCRINE GLANDS

Neuroendocrine sources of chromogranin-A in normal man: clues from selective stimulation of endocrine glands. Takiyyuddin MA, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):360–9

ENDOCRINOLOGY

The Endocrine Society 1990 annual awards. **Endocrinology** 1990 Aug;127(2):971–9

The Endocrine Society 1990 annual awards. **J Clin Endocrinol Metab** 1990 Aug;71(2):536–44

ENDOCYTOSIS

Effect of sulfur dioxide on pulmonary macrophage endocytosis at rest and during exercise. Skornik WA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):655–9

Endocytosis and recycling of MHC-encoded class II molecules by mouse B lymphocytes. Machy P, et al. **J Immunol** 1990 Sep 1;145(5):1350–5

ENDOMETRIAL HYPERPLASIA

Endometrial hyperplasia in an oophorectomized woman receiving tamoxifen therapy [letter] Neven P. **Br J Obstet Gynaecol** 1990 Jun;97(6):551–2

Clinical effects of danazol on endometrial hyperplasia in menopausal and postmenopausal women. Soh E, et al. **Cancer** 1990 Sep 1;66(5):983–8

Pathophysiology and management of endometrial hyperplasia and carcinoma [see comments] Fu YS, et al. **West J Med** 1990 Jul;153(1):50–61 (125 ref.). Comment in: West J Med 1990 Jul;153(1):78–9.

ENDOMETRIOSIS

Immunohistochemical localization of prostaglandin H synthase in the female reproductive tract and endometriosis. Van Voorhis BJ, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):57–62

Diagnostic studies in catamenial hemoptysis [editorial] Guidry GG, et al. **Chest** 1990 Aug;98(2):260–1

Nafarelin for endometriosis. **Med Lett Drugs Ther** 1990 Aug 24;32(825):81–2

ENDOMETRITIS

Cefotetan and the lack of associated bleeding [letter] Martens M, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):251–2

Xanthogranulomatous endometritis. Report of six cases and a proposed mechanism of development. Russack V, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):929–32

Antibiotic prophylaxis for cesarean delivery: is an extended-spectrum agent necessary? Carlson C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):343–6

ENDOMETRIUM

Endometrial assessment by vaginal ultrasonography before endometrial sampling in patients with postmenopausal bleeding. Goldstein SR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):119–23

Epithelial cells from normal human endometrium express a tumor-associated glycoprotein (TAG-72) epitope in vitro. Osteen KG, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):479–84

An endometrial factor in unexplained infertility. Graham RA, et al. **BMJ** 1990 Jun 2;300(6737):1428–31

Use of Gynocheck endometrial tissue sampler in infertility. Smith RN. **Br J Obstet Gynaecol** 1990 May;97(5):454–5

Planned trial of transcervical resection of the endometrium versus hysterectomy [letter] Stirrat GM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):459

Oxytocin and vasopressin receptors in bovine endometrium and myometrium during the estrous cycle and early pregnancy. Fuchs AR, et al. **Endocrinology** 1990 Aug; 127(2):629–36

Reorientation of prostaglandin F secretion by calcium ionophore, estradiol, and prolactin in perifused porcine endometrium. Gross TS, et al. **Endocrinology** 1990 Aug; 127(2):637–42

Hysterectomy or what? [letter] Stirrat GM, et al. **Lancet** 1990 Aug 18;336(8712):445

ENDOMYOCARDIAL FIBROSIS

Fibrosis in hypertrophic cardiomyopathy: its possible pathogenesis [letter] Beranek JT. **J Am Coll Cardiol** 1990 Aug;16(2):519

ENDOPHTHALMITIS

Complete visual recovery after Bacillus cereus endophthalmitis in a child. Beer PM, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):212–3

Postoperative Propionibacterium granulosum endophthalmitis [letter] Walker J, et al. **Arch Ophthalmol** 1990 Aug;108(8):1073–4

ENDOPLASMIC RETICULUM

Microtubular aggregates within rough endoplasmic reticulum in myxopapillary ependymoma of the filum terminale. Ho KL. **Arch Pathol Lab Med** 1990 Sep;114(9):956–60

The T cell receptor-associated protein is proteolytically cleaved in a pre-Golgi compartment. Antusch D, et al. **J Immunol** 1990 Aug 1;145(3):885–90

ENDORPHINS

Naloxone increases ventilatory response to hypercapnic hypoxia in healthy adult humans. Akiyama Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):301–5

ENDOSCOPY

Prevalence of clinically relevant bacteremia after upper gastrointestinal endoscopy in bone marrow transplant recipients. Bianco JA, et al. **Am J Med** 1990 Aug; 89(2):134–6

Flumazenil in the outpatient. A study following midazolam as sedation for upper gastrointestinal endoscopy. Andrews PJ, et al. **Anaesthesia** 1990 Jun;45(6):445–8

A modified tubular pharyngolaryngoscope for difficult pediatric laryngoscopy [letter] Diaz JH, et al. **Anesthesiology** 1990 Aug;73(2):357–8

A comparative study of intraoperative angioscopy and completion arteriography following femorodistal bypass. Baxter BT, et al. **Arch Surg** 1990 Aug;125(8):997–1002

Elimination of high titre HIV from fibreoptic endoscopes. Hanson PJ, et al. **Gut** 1990 Jun;31(6):657–9

Percutaneous antegrade fiberoptic ureterorenoscopic treatment of ureteral calculi. Berkhoff WB, et al. **J Urol** 1990 Sep;144(3):628–30

Endoscopic manipulation of ureteral calculi in children by rigid operative ureterorenoscopy. Caione P, et al. **J Urol** 1990 Aug;144(2 Pt 2):484–5; discussion 492–3

Endoscopic correction of vesicoureteral reflux: our experience with 115 ureters. Farkas A, et al. **J Urol** 1990 Aug;144(2 Pt 2):534–6; discussion 545

Ureteroscopy in children. Hill DE, et al. **J Urol** 1990 Aug; 144(2 Pt 2):481–3; discussion 492–3

Re: Impact of endourology on diagnosis and management of upper urinary tract urothelial cancer [letter] Martinez-Piñeiro JA. **J Urol** 1990 Sep;144(3):750

ENDOTHELIUM, CORNEAL

Toxic endothelial cell destruction of the cornea after routine extracapsular cataract surgery. Breebaart AC, et al. **Arch Ophthalmol** 1990 Aug;108(8):1121–5

Toxic effects of detergents on the corneal endothelium. Nuyts RM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1158–62

ENDOTHELIUM, VASCULAR

Role of the endothelium in adrenergic responses of mesenteric artery rings of pregnant rats. Parent A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):229–34

Vascular effects of cyclosporine A in vivo and in vitro. Ferns G, et al. **Am J Pathol** 1990 Aug;137(2):403–13

Endothelial injury [letter] Boxen I. **Can Med Assoc J** 1990 Aug 15;143(4):258–9

Ischemia-reperfusion impairs endothelium-dependent relaxation of coronary microvessels but does not affect large arteries. Quillen JE, et al. **Circulation** 1990 Aug; 82(2):586–94

Transcapillary permeability and subendothelial distribution of endothelial and amniotic fluid insulin-like growth factor binding proteins in the rat heart. Bar RS, et al. **Endocrinology** 1990 Sep;127(3):1078–86

Effects of endothelin-1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Cozza EN, et al. **Endocrinology** 1990 Aug;127(2):549–54

Endothelial cell dysfunction: an emerging endocrinopathy linked to coronary disease [editorial; comment] Healy B. **J Am Coll Cardiol** 1990 Aug;16(2):357–8. Comment on: J Am Coll Cardiol 1990 Aug;16(2):349–56.

Large coronary arteries in humans are responsive to changing blood flow: an endothelium-dependent mechanism that fails in patients with atherosclerosis [see comments] Nabel EG, et al. **J Am Coll Cardiol** 1990 Aug;16(2):349–56. Comment in: J Am Coll Cardiol 1990 Aug;16(2):357–8.

Oxygen tension regulates the expression of the platelet-derived growth factor-B chain gene in human endothelial cells. Kourembanas S, et al. **J Clin Invest** 1990 Aug;86(2):670–4

Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. Doukas J, et al. **J Immunol** 1990 Aug 15; 145(4):1088–98

T cells bind to cytokine-activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule-1. Graber N, et al.

J Immunol 1990 Aug 1;145(3):819–30
IL–4 regulates endothelial cell activation by IL–1, tumor necrosis factor, or IFN–gamma. Thornhill MH, et al. J Immunol 1990 Aug 1;145(3):865–72
Mechanisms of oxygen free radical–induced calcium overload in endothelial cells. Franceschi D, et al. Surgery 1990 Aug;108(2):292–7
The vascular endothelial cell is central to xenogeneic immune reactivity. Haisch CE, et al. Surgery 1990 Aug; 108(2):306–11
Mechanism of protection of oxidant–injured endothelial cells by glutamine. Hinshaw DB, et al. Surgery 1990 Aug; 108(2):298–304; discussion 304–5
Aspirin–independent antithrombotic effects of acutely attached cultured endothelial cells on endarterectomized arteries. Krupski WC, et al. Surgery 1990 Aug; 108(2):283–90; discussion 290–1
Enhanced production of endothelium–derived contracting factor by endothelial cells subjected to pulsatile stretch. Sumpio BE, et al. Surgery 1990 Aug;108(2):277–81; discussion 281–2

ENDOTOXINS

Serum immunoglobulins to endotoxin core glycolipid: establishment of normal concentrations. Jackson SK, et al. Arch Dis Child 1990 Jul;65(7):768–70
Serum immunoglobulins to endotoxin core glycolipid: acute leukaemia and other cancers. Jackson SK, et al. Arch Dis Child 1990 Jul;65(7):771–3
Provocation of massive hepatic necrosis by endotoxin after partial hepatectomy in rats. Mochida S, et al. Gastroenterology 1990 Sep;99(3):771–7
Monoclonal antibody to endotoxin core protects mice from Escherichia coli sepsis by a mechanism independent of tumor necrosis factor and interleukin–6. Silva AT, et al. J Infect Dis 1990 Aug;162(2):454–9
Development and reversal of endotoxemia and endotoxin–related death in obstructive jaundice. Diamond T, et al. Surgery 1990 Aug;108(2):370–4; discussion 374–5

ENEMA

Anaphylactic reaction to barium enema [letter] al–Mudallal R, et al. Am J Med 1990 Aug;89(2):251
Childhood intussusception. Skipper RP, et al. Surg Gynecol Obstet 1990 Aug;171(2):151–3

ENERGY METABOLISM

Do obese individuals gain weight more easily than nonobese individuals? Forbes GB. Am J Clin Nutr 1990 Aug; 52(2):224–7
Energy cost of physical activity throughout pregnancy and the first year postpartum in Dutch women with sedentary lifestyles. van Raaij JM, et al. Am J Clin Nutr 1990 Aug; 52(2):234–9
Metabolic response to glucose ingested with various amounts of protein. Westphal SA, et al. Am J Clin Nutr 1990 Aug; 52(2):267–72
Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Hirokawa S, et al. Arch Phys Med Rehabil 1990 Aug;71(9):687–94
Accuracy of weighed dietary records [letter] Day NE, et al. BMJ 1990 May 26;300(6736):1398
Laboratory evaluation and use of the Engström metabolic computer in the clinical setting. Regan CJ, et al. Crit Care Med 1990 Aug;18(8):871–7
Energy cost, exercise intensity, and gait efficiency of standard versus rocker–bottom axillary crutch walking. Nielsen DH, et al. Phys Ther 1990 Aug;70(8):487–93

ENFLURANE

Does cardiopulmonary bypass alter enflurane requirements for anesthesia? Hall RI, et al. Anesthesiology 1990 Aug; 73(2):249–55
Failure of the agent–specific filling device [letter] Riegle EV, et al. Anesthesiology 1990 Aug;73(2):353–4

ENKEPHALINS

Proenkephalin system in human polymorphonuclear cells. Production and release of a novel 1.0–kD peptide derived from synenkephalin. Vindrola O, et al. J Clin Invest 1990 Aug;86(2):531–7

ENTAMOEBA HISTOLYTICA

Binding of proteolytically–degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Chadee K, et al. Gut 1990 Aug; 31(8):890–5
Association of serum antibodies to adherence lectin with invasive amebiasis and asymptomatic infection with pathogenic Entamoeba histolytica. Ravdin JI, et al. J Infect Dis 1990 Sep;162(3):768–72

ENTERAL FEEDING

The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Whittaker JS, et al. Am Rev Respir Dis 1990 Aug;142(2):283–8
Nutrition in cystic fibrosis [letter] Taylor CJ, et al. Arch Dis Child 1990 Jun;65(6):646–7
Clinical nutrition support. Payne–James J, et al. BMJ 1990 Jul 7;301(6742):1–2 (28 ref.)
Elemental versus polymeric feeding in patients with Crohn's disease—is there really a winner? Klein S. Gastroenterology 1990 Sep;99(3):893–4
Visceral protein levels in trauma patients are greater with peptide diet than with intact protein diet. Meredith JW, et al. J Trauma 1990 Jul;30(7):825–8; discussion 828–9
A randomized trial of indirect calorimetry–based feedings in thermal injury. Saffle JR, et al. J Trauma 1990 Jul; 30(7):776–82; discussion 782–3
Enteral nutrition in infants with congenital heart disease and growth failure. Schwarz SM, et al. Pediatrics 1990 Sep; 86(3):368–73

ENTERITIS

Oral glutamine accelerates healing of the small intestine and improves outcome after whole abdominal radiation. Klimberg VS, et al. Arch Surg 1990 Aug;125(8):1040–5
Perforated gastrointestinal tuberculosis [letter] Porter KA, et al. Dig Dis Sci 1990 Aug;35(8):1046–8
Aetiology of eosinophilic enteritis [letter] Hepburn NC. Lancet 1990 Sep 1;336(8714):571

ENTEROBACTERIACEAE INFECTIONS

A cluster of Edwardsiella tarda infection in a day–care center in Florida [letter] Desenclos JC, et al. J Infect Dis 1990 Sep;162(3):782
Hepatic cyst infection in autosomal dominant polycystic kidney disease. Telenti A, et al. Mayo Clin Proc 1990 Jul; 65(7):933–42 (31 ref.)

ENTEROCOLITIS, PSEUDOMEMBRANOUS

Risk factors for Clostridium difficile carriage and C. difficile–associated diarrhea in a cohort of hospitalized patients. McFarland LV, et al. J Infect Dis 1990 Sep; 162(3):678–84

ENTEROTOXINS

Seroepidemiologic evaluation of anti–toxic and anti–colonization factor immunity against infections by LT–producing Escherichia coli in rural Bangladesh. Clemens JD, et al. J Infect Dis 1990 Aug;162(2):448–53
Enterotoxins and adhesins of enterotoxigenic Escherichia coli: are they risk factors for acute diarrhea in the community? López–Vidal Y, et al. J Infect Dis 1990 Aug; 162(2):442–7

ENURESIS

Determinants of nocturnal enuresis in homozygous sickle cell disease. Readett DR, et al. Arch Dis Child 1990 Jun; 65(6):615–8

ENVIRONMENT

Genetic and early environmental components in sociodemographic influences on adult body fatness. Teasdale TW, et al. BMJ 1990 Jun 23;300(6740):1615–8
Environmental risk factors in Parkinson's disease. Koller W, et al. Neurology 1990 Aug;40(8):1218–21

ENVIRONMENTAL EXPOSURE

Radiation exposure of pediatrics residents. Adler R, et al. Acad Med 1990 Jun;65(6):419–20
Detection of excess disease near an exposure point: a case study. Schulman J, et al. Arch Environ Health 1990 May–Jun;45(3):168–74
Radiation exposure from fluoroscopy during orthopedic surgical procedures [letter] Schneider M. Clin Orthop 1990 Aug;(257):311–2

ENVIRONMENTAL HEALTH

An estimate of the need for environmental health academicians in the workforce. Anderson AC, et al. Public Health Rep 1990 Jul–Aug;105(4):410–4

ENVIRONMENTAL POLLUTION

Medical responsibility and global environmental change. McCally M, et al. Ann Intern Med 1990 Sep 15; 113(6):467–73 (44 ref.)

ENZYME INDUCTION

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity. Niwa Y, et al. Blood 1990 Aug 15;76(4):835–41

ENZYME–LINKED IMMUNOSORBENT ASSAY

Serodiagnosis of tuberculosis using an ELISA with antigen 5 and a hemagglutination assay with glycolipid antigens. Results in patients with newly diagnosed pulmonary tuberculosis ranging in extent of disease from minimal to extensive. Chan SL, et al. Am Rev Respir Dis 1990 Aug; 142(2):385–9
Value of ELISA using A60 antigen in the diagnosis of active pulmonary tuberculosis. Charpin D, et al. Am Rev Respir Dis 1990 Aug;142(2):380–4

ENZYME PRECURSORS

Coronary reperfusion studies with pro–urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. Kasper W, et al. J Am Coll Cardiol 1990 Sep; 16(3):733–8

ENZYME TESTS

Serum enzymes and other laboratory tests in acute pancreatitis [letter] Neoptolemos JP, et al. Br J Surg 1990 Jun;77(6):715–6
Alanine aminotransferase screening and hepatitis C virus antibody [letter] Burckhardt JJ, et al. Lancet 1990 Aug 18;336(8712):447–8

EOSINOPHILIA

Cimetidine in eosinophilic fasciitis [letter] Herson S, et al. Ann Intern Med 1990 Sep 1;113(5):412–3
Two patients with eosinophilia myalgia syndrome associated with tryptophan. van Garsse LG, et al. BMJ 1990 Jul 7; 301(6742):21
Role of IL–5 in IL–2–induced eosinophilia. In vivo and in vitro expression of IL–5 mRNA by IL–2. Yamaguchi Y, et al. J Immunol 1990 Aug 1;145(3):873–7
Eosinophilic cystitis in a renal allograft recipient. Horner SA, et al. J Urol 1990 Aug;144(2 Pt 1):342–3
Tryptophan [letter] JAMA 1990 Aug 22–29;264(8):969–71
Aetiology of eosinophilic enteritis [letter] Hepburn NC. Lancet 1990 Sep 1;336(8714):571
Acute lymphoblastic leukemia with eosinophilia. Fishel RS, et al. Medicine (Baltimore) 1990 Jul;69(4):232–43
L–tryptophan–associated eosinophilic perimyositis, neuritis, and fasciitis. A clinicopathologic and laboratory study of 25 patients. Kaufman LD, et al. Medicine (Baltimore) 1990 Jul;69(4):187–99

EOSINOPHILIC GRANULOMA

Eosinophilic granuloma. The management of solitary lesions of bone. Greis PE, et al. Clin Orthop 1990 Aug;(257):204–11 (21 ref.)
Use of the ultrasonic surgical aspirator in the treatment of a solitary eosinophilic granuloma of the mandible: a case report. Landrito J, et al. J Oral Maxillofac Surg 1990 Aug; 48(8):855–8

EOSINOPHILS

Diagnostic significance of increased bronchoalveolar lavage fluid eosinophils. Allen JN, et al. Am Rev Respir Dis 1990 Sep;142(3):642–7
The requirement for platelets in allergen–induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. Coyle AJ, et al. Am Rev Respir Dis 1990 Sep;142(3):587–93
Anaphylactic challenge causes eosinophil accumulation in bronchoalveolar lavage fluid of guinea pigs. Modulation by betamethasone, phenidone, indomethacin, WEB 2086, and a novel antiallergy agent, SCH 37224. Gulbenkian AR, et al. Am Rev Respir Dis 1990 Sep;142(3):680–5
DF3 antigen, a human epithelial cell mucin, inhibits adhesion of eosinophils to antibody–coated targets. Hayes DF, et al. J Immunol 1990 Aug 1;145(3):962–70

EPENDYMOMA

Microtubular aggregates within rough endoplasmic reticulum in myxopapillary ependymoma of the filum terminale. Ho KL. Arch Pathol Lab Med 1990 Sep;114(9):956–60
Pigmented choroid plexus papilloma. Reimund EL, et al. Arch Pathol Lab Med 1990 Aug;114(8):902–5 (8 ref.)

EPHEDRINE

Noninvasive evaluation of sympathetic nervous system in human heart by positron emission tomography [see comments] Schwaiger M, et al. Circulation 1990 Aug; 82(2):457–64. Comment in: Circulation 1990 Aug;82(2):646–8.

EPIDEMIOLOGY

Detection of excess disease near an exposure point: a case study. Schulman J, et al. Arch Environ Health 1990 May–Jun;45(3):168–74

EPIDERMAL CYST

Bacteria in epidermal cysts [letter] Valentine MC. **Arch Dermatol** 1990 Aug;126(8):1103

EPIDERMAL GROWTH FACTOR-UROGASTRONE

Regulation of insulin-like growth factor I and stage-specific levels of epidermal growth factor in stage synchronized rat testes. Bartlett JM, et al. **Endocrinology** 1990 Aug; 127(2):747-58

Epidermal growth factor influences growth and differentiation of rat granulosa cells. Bendell JJ, et al. **Endocrinology** 1990 Aug;127(2):533-40

Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Niimi S, et al. **Endocrinology** 1990 Aug;127(2):688-94

Epidermal growth factor inhibits radioiodine uptake but stimulates deoxyribonucleic acid synthesis in newborn rat thyroids grown in nude mice. Ozawa S, et al. **Endocrinology** 1990 Aug;127(2):604-12

Epidermal growth factor (EGF) receptors in human chorionic gonadotropin-producing tumor: transplantation in nude mice and the effect of EGF on tumor growth. Miyachi Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):329-34

Growth factor-initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non-cytolysin cytotoxin in natural killer granules. Khalil N, et al. **J Immunol** 1990 Aug 15;145(4):1286-92

EPIDERMAL NECROLYSIS, TOXIC

Incidence of toxic epidermal necrolysis in Italy [letter] Naldi L, et al. **Arch Dermatol** 1990 Aug;126(8):1103-4

Toxic epidermal necrolysis—a premature requiem? [editorial] **Lancet** 1990 Jul 28;336(8709):218-9

EPIDERMIS

Growth of melanocytes in human epidermal cell cultures. Staiano-Coico L, et al. **J Trauma** 1990 Aug;30(8):1037-42; discussion 1043

Semipermeable dressing and transepidermal water loss in premature infants. Vernon HJ, et al. **Pediatrics** 1990 Sep; 86(3):357-62

Ultraviolet light and free radicals: an immunologic theory of epidermal carcinogenesis. Axelrod M, et al. **Plast Reconstr Surg** 1990 Sep;86(3):582-93 (72 ref.)

EPIDIDYMIS

Rhabdomyosarcoma of the testicular appendage in an infant: case report. Goff WB 2d, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):412-3

Abnormal distribution of CF delta F508 allele in azoospermic men with congenital aplasia of epididymis and vas deferens [letter] Dumur V, et al. **Lancet** 1990 Aug 25;336(8713):512

EPIDIDYMITIS

Bacterial epididymitis in the rat: a model for assessing the impact of acute inflammation on epididymal antibiotic penetration. See WA, et al. **J Urol** 1990 Sep;144(3):780-4

EPIGLOTTIS

Early supraglottic cancer. DeSanto LW. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):593-7

Aryepiglottic fold excision for the treatment of severe laryngomalacia. Polonovski JM, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):625-7

EPILEPSY

Propofol, porphyria and epilepsy [letter] Parr MJ, et al. **Anaesthesia** 1990 Jul;45(7):594

Carbamazepine-10,11-epoxide in epilepsy. A pilot study. Tomson T, et al. **Arch Neurol** 1990 Aug;47(8):888-92

"It isn't epilepsy is it, doctor?" Brett EM. **BMJ** 1990 Jun 23;300(6740):1604-6 (22 ref.)

Postoperative CT contrast enhancement following lobectomy for epilepsy. Laohaprasit V, et al. **J Neurosurg** 1990 Sep; 73(3):392-5

National Institutes of Health Consensus Conference. Surgery for epilepsy. **JAMA** 1990 Aug 8;264(6):729-33 (0 ref.)

Management of epilepsy during pregnancy and lactation. Brodie MJ. **Lancet** 1990 Aug 18;336(8712):426-7

Diagnosis of epilepsy. Chadwick D. **Lancet** 1990 Aug 4; 336(8710):291-5 (17 ref.)

Surgical treatment of epilepsy. Polkey CE. **Lancet** 1990 Sep 1;336(8714):553-5

Treatment of epilepsy and febrile convulsions in children. Rylance GW. **Lancet** 1990 Aug 25;336(8713):488-91 (29 ref.)

Epilepsy in old age. Tallis R. **Lancet** 1990 Aug 4; 336(8710):295-6 (19 ref.)

Childhood epileptic syndromes. Wallace SJ. **Lancet** 1990 Aug 25;336(8713):486-8 (22 ref.)

Stereotactic surgical treatment of epilepsy [editorial; comment] Grossman RG. **Mayo Clin Proc** 1990 Aug; 65(8):1150-1. Comment on: Mayo Clin Proc 1990 Aug;65(8):1053-60.

Speech automatisms [letter] Arlt G, et al. **Neurology** 1990 Aug;40(8):1320

Reflex seizures induced by calculation, card or board games, and spatial tasks: a review of 25 patients and delineation of the epileptic syndrome. Goossens LA, et al. **Neurology** 1990 Aug;40(8):1171-6

EPILEPSY, FOCAL

Anatomy, physiology, and pathology of epilepsy. Meldrum BS. **Lancet** 1990 Jul 28;336(8709):231-4 (30 ref.)

Stereotactic resection of intra-axial cerebral lesions in partial epilepsy [see comments] Cascino GD, et al. **Mayo Clin Proc** 1990 Aug;65(8):1053-60. Comment in: Mayo Clin Proc 1990 Aug;65(8):1150-1.

Human hippocampal EEG: effects of behavioral activation. Huh K, et al. **Neurology** 1990 Aug;40(8):1177-81

EPILEPSY, MYOCLONUS

Myoclonic status epilepticus: a clinical and electroencephalographic study. Jumao-as A, et al. **Neurology** 1990 Aug;40(8):1199-202

EPILEPSY, TEMPORAL LOBE

MR imaging in patients with temporal lobe seizures: correlation of results with pathologic findings. Heinz ER, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):581-6

Surgical management of complex partial seizures [clinical conference] Uematsu S. **JAMA** 1990 Aug 8;264(6):734-7

EPILEPSY, TRAUMATIC

Posttraumatic epilepsy [letter] Davidoff G. **Arch Phys Med Rehabil** 1990 Aug;71(9):711

Prevention of post-traumatic epilepsy [editorial; comment] Hauser WA. **N Engl J Med** 1990 Aug 23;323(8):540-2. Comment on: N Engl J Med 1990 Aug 23;323(8):497-502.

A randomized, double-blind study of phenytoin for the prevention of post-traumatic seizures [see comments] Temkin NR, et al. **N Engl J Med** 1990 Aug 23; 323(8):497-502. Comment in: N Engl J Med 1990 Aug 23;323(8):540-2.

EPINEPHRINE

Effects of epidural block with lignocaine and lignocaine-adrenaline on umbilical artery velocity wave ratios. Marx GF, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):517-20

Myocardial catecholamine content after heart transplantation [see comments] Regitz V, et al. **Circulation** 1990 Aug; 82(2):620-3. Comment in: Circulation 1990 Aug;82(2):658-60.

Effect of submucosal epinephrine injection on local gastric blood flow. A study using laser Doppler flowmetry and reflectance spectrophotometry. Chung SC, et al. **Dig Dis Sci** 1990 Aug;35(8):1008-11

Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900-6

Epinephrine for cardiac resuscitation: too much beta for its own good? [editorial; comment] Parmley WW. **J Am Coll Cardiol** 1990 Aug;16(2):495-6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):489-94.

The effect of epinephrine in local anesthesia on the survival of full- and split-thickness skin grafts: an experimental study. Wolfort S, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):535-40

EPIPHYSES, SLIPPED

Remodelling after pinning for slipped capital femoral epiphysis. Jones JR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):568-73

EPISIOTOMY

Midline episiotomies: more harm than good? [letter] Berlin M. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):474-5

EPISPADIAS

Duplicate bladder exstrophy: a new variant of clinical and embryological significance. Sheldon CA, et al. **J Urol** 1990 Aug;144(2 Pt 1):334-6

EPISTAXIS

Superior oblique muscle dysfunction following anterior ethmoidal artery ligation for epistaxis. Couch JM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1110-3

EPSTEIN-BARR VIRUS

Cell surface alteration in Epstein-Barr virus-transformed cells from patients with extreme insulin resistance. Gorden DL, et al. **Diabetes** 1990 Aug;39(8):924-7

Coinfection with A- and B-type Epstein-Barr virus in human immunodeficiency virus-positive subjects. Sculley TB, et al. **J Infect Dis** 1990 Sep;162(3):643-8

EQUIPMENT CONTAMINATION

Microbial contamination of contact lens storage cases and solutions. Wilson LA, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):193-8

Contamination of scavenging systems [letter] Gil-Rodriguez J, et al. **Anaesthesia** 1990 Jun;45(6):499-500

Blood culture phlebotomy: switching needles does not prevent contamination. Krumholz HM, et al. **Ann Intern Med** 1990 Aug 15;113(4):290-2

Decontamination of instruments and control of cross infection in general practice. Morgan DR, et al. **BMJ** 1990 May 26;300(6736):1379-80

Elimination of high titre HIV from fibreoptic endoscopes. Hanson PJ, et al. **Gut** 1990 Jun;31(6):657-9

EQUIPMENT FAILURE

Clogging of biliary endoprostheses: a new perspective. Coene PP, et al. **Gut** 1990 Aug;31(8):913-7

ERUCTATION

Control of belching by the lower oesophageal sphincter. Wyman JB, et al. **Gut** 1990 Jun;31(6):639-46

ERYTHEMA

Red man syndrome associated with amphotericin B. Ellis ME, et al. **BMJ** 1990 Jun 2;300(6737):1468

Enhanced prostaglandin synthesis after ultraviolet injury is mediated by endogenous histamine stimulation. A mechanism for irradiation erythema. Pentland AP, et al. **J Clin Invest** 1990 Aug;86(2):566-74

ERYTHEMA MULTIFORME

Erythema multiforme and Stevens-Johnson syndrome. Descriptive and therapeutic controversy. Patterson R, et al. **Chest** 1990 Aug;98(2):331-6 (15 ref.)

ERYTHEMA NODOSUM

Multiple Beau's lines due to recurrent erythema nodosum leprosum [letter] Patki AH. **Arch Dermatol** 1990 Aug; 126(8):1110-1

ERYTHROBLASTOSIS, FETAL

Amniotic fluid midtrimester delta optical density measurements at 450 nm in Rh disease [letter] Nelson GH. **Am J Obstet Gynecol** 1990 Aug;163(2):710-2

ERYTHROCYTE AGGREGATION

Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. Koppensteiner R, et al. **BMJ** 1990 Jun 23;300(6740):1626-7

ERYTHROCYTE VOLUME

Red cell volume and cardiac output in anaemic preterm infants. Hudson I, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):672-5

ERYTHROCYTES

Folate status of Mexican American, Cuban, and Puerto Rican women. Fanelli-Kuczmarski MT, et al. **Am J Clin Nutr** 1990 Aug;52(2):368-72

Hyperkalemia after irradiation of packed red blood cells: possible effects with intravascular fetal transfusion. Thorp JA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):607-9

Host receptors for malaria-infected erythrocytes. Chulay JD, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):6-14 (37 ref.)

Surface molecules on Plasmodium falciparum-infected erythrocytes involved in adherence. Howard RJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):15-29 (87 ref.)

In vitro and ex-vivo models of sequestration in Plasmodium falciparum infection. Udeinya IJ. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):2-5 (16 ref.)

Evidence for a switching mechanism in the invasion of erythrocytes by Plasmodium falciparum. Dolan SA, et al. **J Clin Invest** 1990 Aug;86(2):618-24

ERYTHROCYTES, ABNORMAL

Microcytosis, iron deficiency, and thalassaemia in preschool children. Earley A, et al. **Arch Dis Child** 1990 Jun; 65(6):610-4

Long-term management of splenic sequestration in children with sickle cell disease. Kinney TR, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):194-9

ERYTHROID PROGENITOR CELLS

Cytokine regulation of the human burst-forming unit-megakaryocyte. Briddell RA, et al. **Blood** 1990 Aug 1;76(3):516-22

ERYTHROMYCIN

Erythromycin-induced long QT syndrome: concordance

with quinidine and underlying cellular electrophysiologic mechanism. Nattel S, et al. **Am J Med** 1990 Aug;89(2):235–8
Association of intravenous erythromycin and potentially fatal ventricular tachycardia with Q–T prolongation (torsades de pointes). Schoenenberger RA, et al. **BMJ** 1990 May 26;300(6736):1375–6
The erythromycin breath test as a predictor of cyclosporine blood levels. Watkins PB, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):120–9
Development of motilin receptors and of motilin- and erythromycin-induced contractility in rabbits. Depoortere I, et al. **Gastroenterology** 1990 Sep;99(3):652–8
Antibiotic resistance of Listeria monocytogenes [letter] MacGowen AP, et al. **Lancet** 1990 Aug 25;336(8713):513–4

ERYTHROPOIESIS

Inhibition of human colony-forming-unit erythroid by tumor necrosis factor requires accessory cells. Means RT Jr, et al. **J Clin Invest** 1990 Aug;86(2):538–41

ERYTHROPOIETIN

Multicenter study of recombinant human erythropoietin in correction of anemia in rheumatoid arthritis. Pincus T, et al. **Am J Med** 1990 Aug;89(2):161–8
Detection and isolation of the erythropoietin receptor using biotinylated erythropoietin. Wognum AW, et al. **Blood** 1990 Aug 15;76(4):697–705
Recombinant human erythropoietin as adjuvant treatment for autologous blood donation. Graf H, et al. **BMJ** 1990 Jun 23;300(6740):1627–8
Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. Koppensteiner R, et al. **BMJ** 1990 Jun 23;300(6740):1626–7
Erythropoietin, aluminium, and anaemia in patients on haemodialysis [letter] Piazza V, et al. **Lancet** 1990 Jul 28; 336(8709):255–6

ESCHERICHIA COLI

Haemolytic uraemic syndromes in the British Isles, 1985–8: association with verocytotoxin producing Escherichia coli. Part 2: Microbiological aspects. Kleanthous H, et al. **Arch Dis Child** 1990 Jul;65(7):722–7
Haemolytic uraemic syndromes in the British Isles 1985–8: association with verocytotoxin producing Escherichia coli. Part 1: Clinical and epidemiological aspects. Milford DV, et al. **Arch Dis Child** 1990 Jul;65(7):716–21
Separation of sublethal and lethal effects of polymorphonuclear leukocytes on Escherichia coli. Mannion BA, et al. **J Clin Invest** 1990 Aug;86(2):631–41
Enterotoxins and adhesins of enterotoxigenic Escherichia coli: are they risk factors for acute diarrhea in the community? López-Vidal Y, et al. **J Infect Dis** 1990 Aug; 162(2):442–7
Antibacterial activity of four cephalosporins in an experimental infection in relation to in vitro effect and pharmacokinetics. Mattie H, et al. **J Infect Dis** 1990 Sep; 162(3):717–22
Challenge studies in volunteers using Escherichia coli strains with diffuse adherence to HEp-2 cells. Tacket CO, et al. **J Infect Dis** 1990 Aug;162(2):550–2
Escherichia coli O157:H7 and the hemolytic uremic syndrome: importance of early cultures in establishing the etiology. Tarr PI, et al. **J Infect Dis** 1990 Aug;162(2):553–6
A novel chromosomal TEM derivative and alterations in outer membrane proteins together mediate selective ceftazidime resistance in Escherichia coli. Weber DA, et al. **J Infect Dis** 1990 Aug;162(2):460–5
Transferable cephalosporin resistance not inhibited by clavulanate in Escherichia coli [letter] Woodford N, et al. **Lancet** 1990 Jul 28;336(8709):253
Development and reversal of endotoxemia and endotoxin-related death in obstructive jaundice. Diamond T, et al. **Surgery** 1990 Aug;108(2):370–4; discussion 374–5

ESCHERICHIA COLI INFECTIONS

Seroepidemiologic evaluation of anti-toxic and anti-colonization factor immunity against infections by LT-producing Escherichia coli in rural Bangladesh. Clemens JD, et al. **J Infect Dis** 1990 Aug;162(2):448–53
Enterotoxins and adhesins of enterotoxigenic Escherichia coli: are they risk factors for acute diarrhea in the community? López-Vidal Y, et al. **J Infect Dis** 1990 Aug; 162(2):442–7
Antibacterial activity of four cephalosporins in an experimental infection in relation to in vitro effect and pharmacokinetics. Mattie H, et al. **J Infect Dis** 1990 Sep; 162(3):717–22
Monoclonal antibody to endotoxin core protects mice from Escherichia coli sepsis by a mechanism independent of tumor necrosis factor and interleukin-6. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):454–9
From the National Institute of Allergy and Infectious Diseases. Summary of the 25th United States-Japan Joint Conference on cholera and related diarrheal diseases. Spriggs DR, et al. **J Infect Dis** 1990 Sep;162(3):584–90
Challenge studies in volunteers using Escherichia coli strains with diffuse adherence to HEp-2 cells. Tacket CO, et al. **J Infect Dis** 1990 Aug;162(2):550–2
Escherichia coli O157:H7 and the hemolytic uremic syndrome: importance of early cultures in establishing the etiology. Tarr PI, et al. **J Infect Dis** 1990 Aug;162(2):553–6
The efficacy of norfloxacin in the treatment of chronic bacterial prostatitis refractory to trimethoprim-sulfamethoxazole and/or carbenicillin. Schaeffer AJ, et al. **J Urol** 1990 Sep;144(3):690–3
Bacterial epididymitis in the rat: a model for assessing the impact of acute inflammation on epididymal antibiotic penetration. See WA, et al. **J Urol** 1990 Sep;144(3):780–4

ESOPHAGEAL AND GASTRIC VARICES

beta-blockers and variceal haemorrhage [letter] Poynard T, et al. **Lancet** 1990 Aug 25;336(8713):506

ESOPHAGEAL CYST

Acute symptoms due to a huge duplication cyst ruptured into the esophagus. Nakahara K, et al. **Ann Thorac Surg** 1990 Aug;50(2):309–11

ESOPHAGEAL DISEASES

Gastroesophageal reflux as a pathogenic factor in the development of symptomatic lower esophageal rings. Marshall JB, et al. **Arch Intern Med** 1990 Aug; 150(8):1669–72
Non-steroidal anti-inflammatory drugs, hiatus hernia, and Helicobacter pylori, in patients with oesophageal ulceration. Shallcross TM, et al. **Br J Rheumatol** 1990 Aug; 29(4):288–90
Spontaneous intramural rupture of the oesophagus. Steadman C, et al. **Gut** 1990 Aug;31(8):845–9

ESOPHAGEAL FISTULA

Bronchoesophageal fistula in small cell lung cancer [letter] Koval JC, et al. **Chest** 1990 Aug;98(2):512–3

ESOPHAGEAL NEOPLASMS

Dysphagia caused by acute leukemic infiltration of the esophagus [letter] Thompson BC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):654
Recognition of N-glycosidic carbohydrates on esophageal carcinoma cells by macrophage cell line THP-1. Takano R, et al. **Am J Pathol** 1990 Aug;137(2):393–401
A complication of tumour of the oesophagus [letter] Banerjee A, et al. **Anaesthesia** 1990 Jun;45(6):494–5
Esophagography and esophagoscopy. Comparison in the examination of patients with head and neck carcinoma. Nino-Murcia M, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):917–9
Abdominocervical (transhiatal) oesophagectomy in the management of oesophageal carcinoma. Gotley DC, et al. **Br J Surg** 1990 Jul;77(7):815–9
Lymph node metastasis in resectable esophageal cancer [see comments] Abe S, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):287–91. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):314–6.
Invited letter concerning: lymph node metastasis in resectable esophageal disease [letter; comment] McElvein RB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):314–6. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):287–9.

ESOPHAGEAL PERFORATION

Esophageal perforation in a patient with acquired immunodeficiency syndrome. Adkins MS, et al. **Ann Thorac Surg** 1990 Aug;50(2):299–300

ESOPHAGEAL STENOSIS

Cellulose fiber diet pills. A new cause of esophageal obstruction. Jones KR, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1091
Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] Lovejoy FH Jr. **N Engl J Med** 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep 6;323(10):637–40.

ESOPHAGITIS

Antibiotic-associated acute necrotizing esophagitis [letter] Mangan TF, et al. **Gastroenterology** 1990 Sep;99(3):900

ESOPHAGITIS, PEPTIC

Effect of long-term treatment with omeprazole on serum gastrin and serum group A and C pepsinogens in patients with reflux esophagitis. Jansen JB, et al. **Gastroenterology** 1990 Sep;99(3):621–8
Efficacy of different doses of cimetidine in the treatment of reflux esophagitis. A review of three large, double-blind, controlled trials. Tytgat GN, et al. **Gastroenterology** 1990 Sep;99(3):629–34

ESOPHAGOGASTRIC JUNCTION

Techniques in electromanometry of the upper esophageal sphincter. Bretan O, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):914–6
Cholecystokinin is not a major hormonal regulator of lower esophageal sphincter pressure. Brazer SR, et al. **Gastroenterology** 1990 Sep;99(3):641–5
Control of belching by the lower oesophageal sphincter. Wyman JB, et al. **Gut** 1990 Jun;31(6):639–46

ESOPHAGOSTOMY

Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Bartley GB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1074
Tracheostoma diverticulum following tracheoesophageal puncture. Hoffman HT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1074–6

ESOPHAGUS

Bay leaf impaction [letter] Belitsos NJ. **Ann Intern Med** 1990 Sep 15;113(6):483–4
Complete foregut duplication. Dresler CM, et al. **Ann Thorac Surg** 1990 Aug;50(2):306–8
Radiolucent dentures [letter] Roberts KD. **BMJ** 1990 Jun 23;300(6740):1650–1
Abdominocervical (transhiatal) oesophagectomy in the management of oesophageal carcinoma. Gotley DC, et al. **Br J Surg** 1990 Jul;77(7):815–9
Single layer anastomosis in the upper gastrointestinal tract. Irwin ST, et al. **Br J Surg** 1990 Jun;77(6):643–4
Peristaltic dysfunction associated with nonobstructive dysphagia in reflux disease. Jacob P, et al. **Dig Dis Sci** 1990 Aug;35(8):939–42
Ambulatory 24-hr pH monitoring of esophagus, fundus, and antrum. A new technique for simultaneous study of gastroesophageal and duodenogastric reflux. Mattioli S, et al. **Dig Dis Sci** 1990 Aug;35(8):929–38
Reflux patterns and related oesophageal motor activity in gastro-oesophageal reflux disease. Kruse-Andersen S, et al. **Gut** 1990 Jun;31(6):633–8
Swallowed button batteries: is there a consensus on management? Studley JG, et al. **Gut** 1990 Aug;31(8):867–70
A lingual thyroid cyst complicating a foreign body in the oesophagus. Harris WE. **J Laryngol Otol** 1990 Jun; 104(6):508–10
A controlled trial of corticosteroids in children with corrosive injury of the esophagus [see comments] Anderson KD, et al. **N Engl J Med** 1990 Sep 6;323(10):637–40. Comment in: N Engl J Med 1990 Sep 6;323(10):668–70.
Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] Lovejoy FH Jr. **N Engl J Med** 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep 6;323(10):637–40.
Tracheal agenesis. Chiu T, et al. **South Med J** 1990 Aug; 83(8):925–30 (13 ref.)

ESTERASES

Biological activity of the fatty acid ester metabolites of corticoids. Petrazzuoli M, et al. **Endocrinology** 1990 Aug; 127(2):555–9

ESTRADIOL

Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Chandrasekher YA, et al. **Endocrinology** 1990 Aug;127(2):926–33
Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Dalkin AC, et al. **Endocrinology** 1990 Aug;127(2):798–806
Reorientation of prostaglandin F secretion by calcium ionophore, estradiol, and prolactin in perifused porcine endometrium. Gross TS, et al. **Endocrinology** 1990 Aug; 127(2):637–42
The biosynthesis of cholesterol side-chain cleavage cytochrome P-450 in the rabbit corpus luteum depends upon estrogen. Keyes PL, et al. **Endocrinology** 1990 Sep; 127(3):1186–93
The estradiol-induced surge of gonadotropin-releasing hormone in the ewe. Moenter SM, et al. **Endocrinology** 1990 Sep;127(3):1375–84
Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Steinetz BG, et al. **Endocrinology** 1990 Sep;127(3):1057–63
Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. Nakhla AM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):398–404
Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265–9
Oestrogens, arterial status, and postmenopausal women [letter] Stones RW. **Lancet** 1990 Aug 4;336(8710):311–2

ESTROGEN REPLACEMENT THERAPY

Effects on bone of surgical menopause and estrogen therapy

with or without progesterone replacement in cynomolgus monkeys. Jayo MJ, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):614–8

Perimenopausal women's views on hormone replacement therapy [letter] Coope J. **BMJ** 1990 Jun 9;300(6738):1526

Estrogen therapy for osteoporosis: is it effective? Barzel US. **Hosp Pract [Off]** 1990 Jul 15;25(7):95–9, 102, 105–8

Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265–9

ESTROGENS

The regulation of neuropeptide expression in rat anterior pituitary following chronic manipulation of estrogen status: a comparison between substance P, neuropeptide Y, neurotensin, and vasoactive intestinal peptide. O'Halloran DJ, et al. **Endocrinology** 1990 Sep;127(3):1463–9

ESTROGENS, SYNTHETIC

Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265–9

ESTRUS

Oxytocin and vasopressin receptors in bovine endometrium and myometrium during the estrous cycle and early pregnancy. Fuchs AR, et al. **Endocrinology** 1990 Aug; 127(2):629–36

Lengthening the bovine estrous cycle with low levels of exogenous progesterone: a model for studying ovarian follicular dominance. Sirois J, et al. **Endocrinology** 1990 Aug;127(2):916–25

ETHAMBUTOL

Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Chiu J, et al. **Ann Intern Med** 1990 Sep 1; 113(5):358–61

ETHERS

Gall stone dissolution with methyl tert-butyl ether: how to avoid complications. Hellstern A, et al. **Gut** 1990 Aug; 31(8):922–5

Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. Flamm J, et al. **J Urol** 1990 Aug;144(2 Pt 1):260–3

ETHICS

Minimizing the influence of drug marketing. Hester FG. **Hospitals** 1990 Aug 5;64(15):80

ETHICS, MEDICAL

Ethics and routine ultrasonography in pregnancy [letter] Ewigman B, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):256–8

Physician ethics in human research: the role of medical publications [editorial] Iserson KV. **Ann Emerg Med** 1990 Jul;19(7):828–30

Physicians and the pharmaceutical industry [letter] **Ann Intern Med** 1990 Sep 1;113(5):407–8

Uncomfortable issues [editorial; comment] Edmunds LH Jr. **Ann Thorac Surg** 1990 Aug;50(2):173–4. Comment on: Ann Thorac Surg 1990 Aug;50(2):226–9.

Medical ethics and women. **Can Med Assoc J** 1990 Aug 15; 143(4):249–52, 254

Eugenic abortion: an ethical critique. Beck MN. **Can Med Assoc J** 1990 Aug 1;143(3):181–6

Assisting suicide [letter] Craigen G, et al. **Can Med Assoc J** 1990 Aug 1;143(3):168

Life-sustaining treatment. A legal-ethical dilemma. Smejkal CM, et al. **J Nurs Adm** 1990 Jul–Aug;20(7–8):49–52

Ethical implications of rejecting patients for clinical trials [letter] **JAMA** 1990 Aug 22–29;264(8):973–4

Futility and the ethics of resuscitation [see comments] Tomlinson T, et al. **JAMA** 1990 Sep 12;264(10):1276–80. Comment in: JAMA 1990 Sep 12;264(10):1295–6.

Treating adolescents. Legal and ethical considerations. English A. **Med Clin North Am** 1990 Sep;74(5):1097–112 (104 ref.)

Morals and moralism in the debate over euthanasia and assisted suicide. Cassel CK, et al. **N Engl J Med** 1990 Sep 13;323(11):750–2

Social and ethical implications of advances in human genetics. Cook-Deegan RM. **South Med J** 1990 Aug;83(8):879–82

ETHMOID SINUS

Extra-skeletal Ewing's sarcoma of the nasal fossa. Lane S, et al. **J Laryngol Otol** 1990 Jul;104(7):570–3

ETHYLENE OXIDE

Neurotoxicological evaluation of hospital sterilizer workers exposed to ethylene oxide [see comments] Estrin WJ, et al. **J Toxicol Clin Toxicol** 1990;28(1):1–20. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii–xi.

Neuropsychologic "impairment" in a cohort of hospital workers chronically exposed to ethylene oxide [see comments] Klees JE, et al. **J Toxicol Clin Toxicol** 1990; 28(1):21–8. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii–xi.

ETHYLENES

Radioprotective effects of the immunomodulator AS101. Kalechman Y, et al. **J Immunol** 1990 Sep 1;145(5):1512–7

ETOPOSIDE

High-dose etoposide and cyclophosphamide without bone marrow transplantation for resistant hematologic malignancy. Brown RA, et al. **Blood** 1990 Aug 1; 76(3):473–9

EUTHANASIA

Morals and moralism in the debate over euthanasia and assisted suicide. Cassel CK, et al. **N Engl J Med** 1990 Sep 13;323(11):750–2

EUTHANASIA, PASSIVE

Family consent to orders not resuscitate. Reconsidering hospital policy [see comments] Hackler JC, et al. **JAMA** 1990 Sep 12;264(10):1281–3. Comment in: JAMA 1990 Sep 12;264(10):1295–6.

Futility and the ethics of resuscitation [see comments] Tomlinson T, et al. **JAMA** 1990 Sep 12;264(10):1276–80. Comment in: JAMA 1990 Sep 12;264(10):1295–6.

Futility in context [editorial; comment] Youngner SJ. **JAMA** 1990 Sep 12;264(10):1295–6. Comment on: JAMA 1990 Sep 12;264(10):1276–80. Comment on: JAMA 1990 Sep 12;264(10):1281–83.

EVOKED POTENTIALS

Characteristic variation in evoked potential amplitude with changes in pacing stimulus strength. Curtis AB, et al. **Am J Cardiol** 1990 Aug 15;66(4):416–22

EVOKED POTENTIALS, AUDITORY

Preoperative and postoperative auditory brain-stem response results for patients with eighth-nerve tumors. Bauch CD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1026–9

Differential effects of human and pork insulin-induced hypoglycemia on neuronal functions in humans. Kern W, et al. **Diabetes** 1990 Sep;39(9):1091–8

Acoustic neuroma and the contralateral ear: recovery of auditory brainstem response abnormalities after surgery. Deans JA, et al. **J Laryngol Otol** 1990 Jul;104(7):565–9

Behavioral changes correlated with brain-stem auditory evoked responses in term infants with moderate hyperbilirubinemia. Vohr BR, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):288–91

EVOKED POTENTIALS, SOMATOSENSORY

High spinal anesthesia does not depress central nervous system function as measured by central conduction time and somatosensory evoked potentials. Lang E, et al. **Anesth Analg** 1990 Aug;71(2):176–80

EXCHANGE TRANSFUSION, WHOLE BLOOD

Use of peripheral vessels for exchange transfusion. Fok TF, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):676–8

EXERCISE

Influence of beta-adrenergic blockade upon hemodynamic response to exercise assessed by Doppler echocardiography. Clifton GD, et al. **Am Heart J** 1990 Sep;120(3):579–85

The clinical significance of exercise-induced ST segment changes in patients with previous inferior myocardial infarction. Hosoya Y, et al. **Am Heart J** 1990 Sep; 120(3):554–61

New coronary artery disease index based on exercise-induced QRS changes. Michaelides AP, et al. **Am Heart J** 1990 Aug;120(2):292–302

Clinical implications of exercise-induced chest pain: comparison of patients with and without pathologic Q waves in coronary artery disease. Ozawa T, et al. **Am Heart J** 1990 Sep;120(3):550–4

Walking and serum cholesterol in adults. Tucker LA, et al. **Am J Public Health** 1990 Sep;80(9):1111–3

Effects of humid air breathing during arm or treadmill exercise on exercise-induced bronchoconstriction and refractoriness. Wilson BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):349–52

Exercise in leisure time: coronary attack and death rates. Morris JN, et al. **Br Heart J** 1990 Jun;63(6):325–34

Exercise limitation in patients with polymyositis. Hebert CA, et al. **Chest** 1990 Aug;98(2):352–7

Relation of diastolic function and exercise capacity in ischemic left ventricular dysfunction. Role of beta-agonists and beta-antagonists. Pouleur H, et al. **Circulation** 1990 Aug;82(2 Suppl):I89–96

Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Chantelau E, et al. **Diabetes** 1990 Aug;39(8):938–41

Conversation with ... David Lowenthal, MD, PhD: practical approaches to geriatric exercise [interview by Richard L. Peck] Lowenthal D. **Geriatrics** 1990 Aug;45(8):76, 81–2

Right ventricular diastolic function during exercise: effect of ischemia. Heywood JT, et al. **J Am Coll Cardiol** 1990 Sep;16(3):611–22

Rest and exercise hemodynamics of 20 to 23 mm allograft, Medtronic Intact (porcine), and St. Jude Medical valves in the aortic position. Jaffe WM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):167–74

Acute and chronic effects of exercise using an Exercycle in healthy, untrained adults. Cunningham LN, et al. **Phys Ther** 1990 Aug;70(8):494–502

Cardiovascular responses to isokinetic trunk exercise. Peel C, et al. **Phys Ther** 1990 Aug;70(8):503–10

EXERCISE TEST

Cardiopulmonary exercise testing before and after conditioning in older coronary patients. Ades PA, et al. **Am Heart J** 1990 Sep;120(3):585–9

Beat-to-beat evaluation of cardiac function during recovery from upright bicycle exercise in patients with coronary artery disease. Koike A, et al. **Am Heart J** 1990 Aug; 120(2):316–23

Exercise testing for right ventricular ischemia [letter] Rubler S, et al. **Am J Cardiol** 1990 Aug 15;66(4):528

Acute coronary occlusion after recent coronary angioplasty. Association with exercise and successful treatment with intracoronary thrombolysis. Bedogni F, et al. **Chest** 1990 Aug;98(2):505–7

Maximal exercise testing safety [letter] Cahalin LP, et al. **Circulation** 1990 Aug;82(2):661

Treadmill testing in hypertensives [letter] Miller AJ. **JAMA** 1990 Aug 22–29;264(8):973

EXERCISE THERAPY

Shoulder pain in hemiplegia. The role of exercise. Kumar R, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):205–8

Progressive resistance exercise: effect on muscle function and anthropometry of a select AIDS population. Spence DW, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):644–8

Rationale and protocol for postoperative anterior cruciate ligament rehabilitation. Podesta L, et al. **Clin Orthop** 1990 Aug;(257):262–73 (94 ref.)

EXERTION

Acute effects of exercise on food intake in obese and nonobese women. Kissileff HR, et al. **Am J Clin Nutr** 1990 Aug;52(2):240–5

Effect of sulfur dioxide on pulmonary macrophage endocytosis at rest and during exercise. Skornik WA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):655–9

EXOPHTHALMOS

An obese man with tremor and exophthalmos. Waltman RE. **Hosp Pract [Off]** 1990 Aug 15;25(8):161, 164, 166

Surgical treatment of thyrotoxic exophthalmos [letter] Bartley GB, et al. **Plast Reconstr Surg** 1990 Sep;86(3):607–8

Surgical treatment of thyrotoxic exophthalmos [letter] Stranc MF, et al. **Plast Reconstr Surg** 1990 Sep;86(3):608–9

Surgical correction of exophthalmos secondary to Graves' disease. Thaller SR, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):411–8; discussion 419–21

EXPENDITURES, HEALTH

Methods for evaluation of medical care other than credentialing. Cost, experience, and results. Ebert PA. **Clin Orthop** 1990 Aug;(257):64–6

Clinical decision making: from theory to practice. What do we do about costs? Eddy DM. **JAMA** 1990 Sep 5; 264(9):1161, 1165, 1169–70

EXPERT TESTIMONY

Preparation for court testimony in child abuse cases. Chadwick DL. **Pediatr Clin North Am** 1990 Aug; 37(4):955–70 (43 ref.)

EXTINCTION (PSYCHOLOGY)

Effects of changes in stimulus contingency on visual extinction. Kaplan RF, et al. **Neurology** 1990 Aug; 40(8):1299–301

EXTRACELLULAR MATRIX

Heparin modulates the composition of the extracellular matrix domain surrounding arterial smooth muscle cells. Snow AD, et al. **Am J Pathol** 1990 Aug;137(2):313–30

EXTRACELLULAR SPACE

Evidence that folliculo-stellate cells do not impede the permeability of intercellular spaces to molecular diffusion in three-dimensional aggregate cell cultures of rat anterior pituitary. Allaerts W, et al. **Endocrinology** 1990 Sep; 127(3):1517–25

Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps. Swallow CJ, et al. **Surgery** 1990 Aug;108(2):363–8; discussion 368–9

EXTRACORPOREAL MEMBRANE OXYGENATION

Carotid artery reconstruction following extracorporeal membrane oxygenation. Crombleholme TM, et al. **Am J Dis Child** 1990 Aug;144(8):872–4

Extracorporeal membrane oxygenation for hydrocarbon aspiration. Scalzo AJ, et al. **Am J Dis Child** 1990 Aug; 144(8):867–71

Pediatric extracorporeal membrane oxygen. The time for anecdotes is over [editorial] Vernon DD, et al. **Am J Dis Child** 1990 Aug;144(8):855–6

The effect of hypopnea on low-pressure pulmonary edema. Yanos J, et al. **Am Rev Respir Dis** 1990 Aug;142(2):316–20

Inactivation of heparin during extracorporeal circulation in infants. Green TP, et al. **Clin Pharmacol Ther** 1990 Aug; 48(2):148–54

EXTRACTION, OBSTETRICAL

Risk factors for third-degree and fourth-degree perineal lacerations in forceps and vacuum deliveries. Combs CA, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):100–4

EXTRASYSTOLE

A comparison of antiarrhythmic drugs for the suppression of ventricular ectopic depolarizations: a meta-analysis. Salerno DM, et al. **Am Heart J** 1990 Aug;120(2):340–53

EXTRAVASATION OF DIAGNOSTIC AND THERAPEUTIC MATERIALS

Treatment of extravasation injury [letter] Murphy PM, et al. **Anaesthesia** 1990 Jul;45(7):600

EXTRAVASCULAR LUNG WATER

Experimental inhalation injury with concomitant surface burn: dextran resuscitation improves lung water and oxygenation. Schenk WG 3d, et al. **J Trauma** 1990 Jul; 30(7):813–8; discussion 818–9

EXTREMITIES

Tourniquet technique for reduced blood loss and wound assessment during excisions of burn wounds of the extremity. Marano MA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):249–50

EYE

Ocular findings in oculodermal melanocytosis. Teekhasaenee C, et al. **Arch Ophthalmol** 1990 Aug;108(8):1114–20

EYE DISEASES

Distinctive cataract in the Stickler syndrome. Seery CM, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):143–8

Ocular findings in oculodermal melanocytosis. Teekhasaenee C, et al. **Arch Ophthalmol** 1990 Aug;108(8):1114–20

Lasers in ophthalmology. Nowell P. **Nurs Clin North Am** 1990 Sep;25(3):635–43 (12 ref.)

EYE FOREIGN BODIES

The use of ureter stone forceps to remove a large intraocular foreign body. McCarthy MJ, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):208–9

EYE INFECTIONS, BACTERIAL

Complete visual recovery after Bacillus cereus endophthalmitis in a child. Beer PM, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):212–3

EYE INFECTIONS, PARASITIC

Isolation of a microsporidian from a human patient. Shadduck JA, et al. **J Infect Dis** 1990 Sep;162(3):773–6

Ophthalmomyiasis interna lentis. McLane NJ, et al. **South Med J** 1990 Aug;83(8):963–5 (209 ref.)

EYE INFECTIONS, VIRAL

Prevention of foscarnet nephrotoxicity [letter] Deray G, et al. **Ann Intern Med** 1990 Aug 15;113(4):332

EYE INJURIES

Ocular and associated systemic findings in suspected child abuse. A necropsy study. Elner SG, et al. **Arch Ophthalmol** 1990 Aug;108(8):1094–101

EYE INJURIES, PENETRATING

Complete visual recovery after Bacillus cereus endophthalmitis in a child. Beer PM, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):212–3

Perforating eye injury in Allegheny County, Pennsylvania. Landen D, et al. **Am J Public Health** 1990 Sep;80(9):1120–2

EYE NEOPLASMS

Application of intragenic DNA probes in prenatal screening for retinoblastoma gene carriers in the United Kingdom. Onadim ZO, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):651–6

A transgenic mouse model for trilateral retinoblastoma. O'Brien JM, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1145–51

Spontaneous mutation rate in retinoblastoma. Morris JA. **J Clin Pathol** 1990 Jun;43(6):496–8

EYE PROTEINS

Cellular immune responses of patients with uveitis to retinal antigens and their fragments. de Smet MD, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):135–42

EYELID NEOPLASMS

Lower eyelid reconstruction with the upper eyelid rotation flap. Papp C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):563–5; discussion 566–8

EYELIDS

Cutaneous approaches to the orbital skeleton and periorbital structures. Eppley BL, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):842–54 (45 ref.)

FACE

Obstructive sleep apnea in Apert's and Pfeiffer's syndromes: more than a craniofacial abnormality. Mixter RC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):457–63

Normal cutaneous sensibility of the face. Posnick JC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):429–33; discussion 434–5

FACIAL BONES

Response of long-running Alternaria alternata infection to fluconazole [letter] Diaz M, et al. **Lancet** 1990 Aug 25; 336(8713):513

FACIAL DERMATOSES

Kaposi's varicelliform eruption. Absence of ocular involvement. Fivenson DP, et al. **Arch Dermatol** 1990 Aug; 126(8):1037–9 (11 ref.)

FACIAL EXPRESSION

Geleophysic dysplasia: a storage disorder affecting the skin, bone, liver, heart, and trachea. Shohat M, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):227–32

FACIAL INJURIES

AAOMS 72nd annual meeting and scientific sessions. American Association of Oral and Maxillofacial Surgeons. September 12–16, 1990, New Orleans. Educational summaries and outlines. **J Oral Maxillofac Surg** 1990 Aug; 48(8 Suppl 1):1–156

FACIAL MUSCLES

Stimulation variables in electroneurography of the facial nerve. Salzer TA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1036–40

Histochemical mapping and fiber size analysis of mimic muscles. Freilinger G, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):422–8

FACIAL NERVE

Contrast-enhanced MR imaging of the facial nerve in 11 patients with Bell's palsy. Tien R, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):573–9

Botulinum toxin injections in the treatment of seventh nerve misdirection. Putterman AM. **Am J Ophthalmol** 1990 Aug 15;110(2):205–6

Spontaneous trigeminal-facial reinnervation. DeLacure MD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1079–81 (14 ref.)

A comparative study of the fallopian canal at the meatal foramen and labyrinthine segment in young children and adults. Eicher SA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1030–5

Stimulation variables in electroneurography of the facial nerve. Salzer TA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1036–40

FACIAL PARALYSIS

Contrast-enhanced MR imaging of the facial nerve in 11 patients with Bell's palsy. Tien R, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):573–9

Botulinum toxin injections in the treatment of seventh nerve misdirection. Putterman AM. **Am J Ophthalmol** 1990 Aug 15;110(2):205–6

Neonatal facial paralysis [letter] Crumley RL. **Plast Reconstr Surg** 1990 Sep;86(3):609

Facial nerve palsy in the newborn [letter] Powell WJ, et al. **Plast Reconstr Surg** 1990 Sep;86(3):609–10

FACTITIOUS DISORDERS

Failure to detect fabricated posttraumatic stress disorder with the use of the MMPI in a clinical population. Perconte ST, et al. **Am J Psychiatry** 1990 Aug;147(8):1057–60

FACTOR VIII

The effect of desmopressin on massive gastrointestinal bleeding in hereditary telangiectasia unresponsive to treatment with cryoprecipitate. Quitt M, et al. **Arch Intern Med** 1990 Aug;150(8):1744–6

Haemophilic AIDS patient loses claim in Australia [news] Brahams D. **Lancet** 1990 Jul 28;336(8709):238–9

FACTOR IX

Factor IX is activated in vivo by the tissue factor mechanism. Bauer KA, et al. **Blood** 1990 Aug 15;76(4):731–6

FACTOR IXA

Heparin-stimulated inhibition of factor IXa generation and factor IXa neutralization in plasma. Pieters J, et al. **Blood** 1990 Aug 1;76(3):549–54

FACULTY

An estimate of the need for environmental health academicians in the workforce. Anderson AC, et al. **Public Health Rep** 1990 Jul–Aug;105(4):410–4

FACULTY, MEDICAL

Faculty development and organizational systems behavior. Henley CE, et al. **Acad Med** 1990 Jun;65(6):406–9

Class mentors: a step toward implementing the GPEP report. Lobeck CC, et al. **Acad Med** 1990 Jun;65(6):351–4

Appropriate charging for professional fees by academic physicians. Purvis JR, et al. **Acad Med** 1990 Jun;65(6):423

Emergency medicine faculty shortage—the medical school perspective [editorial] Sanders AB. **Ann Emerg Med** 1990 Jul;19(7):826–7

FAILURE TO THRIVE

Enteral nutrition in infants with congenital heart disease and growth failure. Schwarz SM, et al. **Pediatrics** 1990 Sep; 86(3):368–73

FALLOPIAN TUBES

Necrotizing fasciitis of the total abdominal wall after sterilization by partial salpingectomy. Case report and review of literature. Cederna JP, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):138–9 (18 ref.)

The complex nature of egg transport through the oviduct [letter] Egarter C. **Am J Obstet Gynecol** 1990 Aug; 163(2):687–8

Gamete intrafallopian transfer in women with accessory tubal ostia. Isherwood PJ, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):542–8

Gross and histologic examination of tubal ligation failures in a residency training program. Stovall TG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):461–5

Effects of contrast agents on the fallopian tube in a rabbit model. Moore DE, et al. **Radiology** 1990 Sep;176(3):721–4

FAMILY

Impact of legal liability, family wishes, and other "external factors" on physicians' life-support decisions. Perkins HS, et al. **Am J Med** 1990 Aug;89(2):185–94

Family functioning and major depression: an overview. Keitner GI, et al. **Am J Psychiatry** 1990 Sep;147(9):1128–37 (82 ref.)

From the Centers for Disease Control. Family and other intimate assaults—Atlanta, 1984. **JAMA** 1990 Sep 12; 264(10):1243–4

Swimming with the sharks—without the family being eaten alive. Moore EE. **Surgery** 1990 Aug;108(2):125–38

FAMILY CHARACTERISTICS

Homeless and housed families in Los Angeles: a study comparing demographic, economic, and family function characteristics [see comments] Wood D, et al. **Am J Public Health** 1990 Sep;80(9):1049–52. Comment in: Am J Public Health 1990 Sep;80(9):1039–40.

FAMILY PLANNING

Use of contraception and family planning services in the United States, 1988. Mosher WD, et al. **Am J Public Health** 1990 Sep;80(9):1132–3

Irish condom ruling [news] Nowlan D. **BMJ** 1990 Jun 2; 300(6737):1420–1

FAMILY PRACTICE

Factors influencing residents' decisions not to provide obstetrical services in their future practices. O'Dell ML. **Acad Med** 1990 Jun;65(6):420

Appropriate charging for professional fees by academic physicians. Purvis JR, et al. **Acad Med** 1990 Jun;65(6):423

Recommended core educational guidelines on rheumatology for family practice residents. **Am Fam Physician** 1990 Aug; 42(2):495–7

Women and the future of family practice? [editorial] Murray JL. **Am Fam Physician** 1990 Aug;42(2):360, 362

Breast cancer screening and the primary care team. Austoker J. **BMJ** 1990 Jun 23;300(6740):1631–4

Child health surveillance. Bain J. **BMJ** 1990 May 26; 300(6736):1381–2

Cervical screening in general practice: a "new" scenario. Chomet J, et al. **BMJ** 1990 Jun 9;300(6738):1504–6

Screening the elderly. Freer CB. **BMJ** 1990 Jun 2; 300(6737):1447–8

What will happen to our freedom to refer? [letter] Hall SA. **BMJ** 1990 Jun 23;300(6740):1647

A total audit of preventive procedures in 45 practices caring for 430,000 patients. Lawrence M, et al. **BMJ** 1990 Jun 9;300(6738):1501–3

Health checks for adults [letter] Levine J, et al. **BMJ** 1990 Jul 7;301(6742):43

Health checks in general practice [letter] Main JA, et al. **BMJ** 1990 Jun 9;300(6738):1526

Decontamination of instruments and control of cross infection in general practice. Morgan DR, et al. **BMJ** 1990 May 26;300(6736):1379–80

Out of hours workload in general practice: deprivation or expectation? [letter] Orr A, et al. **BMJ** 1990 Jun 9; 300(6738):1527

A study of patients attending without appointments in an urban general practice. Virji A. **BMJ** 1990 Jul 7; 301(6742):22–6

Computer multitasking with Desqview 386 in a family practice. Davis AE. **Can Med Assoc J** 1990 Aug 15; 143(4):281–5

GP psychotherapy: its popularity is growing among patients and MDs. Trent B. **Can Med Assoc J** 1990 Aug 15; 143(4):320–3

Patient selection and outcomes for out-of-hospital births in one family practice [see comments] Acheson LS, et al. **J Fam Pract** 1990 Aug;31(2):128–36. Comment in: J Fam Pract 1990 Aug;31(2):125–7.

Teaching colposcopy and androscopy in family practice residencies. Newkirk GR, et al. **J Fam Pract** 1990 Aug; 31(2):171–8

Computerized medical record [letter] Rathe R. **J Fam Pract** 1990 Aug;31(2):121

Taking risks in general practice [editorial] **Lancet** 1990 Sep 1;336(8714):541

FANCONI SYNDROME

Ifosfamide-induced renal tubular dysfunction and rickets in children with Wilms tumor. Burk CD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):331–5

FASCIA

Fascia lata and early spica casting as adjuncts in closure of bladder exstrophy. Scherz HC, et al. **J Urol** 1990 Aug;144(2 Pt 2):550–3; discussion 562–3

FASCIITIS

Necrotizing fasciitis of the total abdominal wall after sterilization by partial salpingectomy. Case report and review of literature. Cederna JP, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):138–9 (18 ref.)

Cimetidine in eosinophilic fasciitis [letter] Herson S, et al. **Ann Intern Med** 1990 Sep 1;113(5):412–3

Cervical necrotizing fasciitis: an uncommon sequela to dental infection. Moss RM, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):643–6

L-tryptophan-associated eosinophilic perimyositis, neuritis, and fasciitis. A clinicopathologic and laboratory study of 25 patients. Kaufman LD, et al. **Medicine (Baltimore)** 1990 Jul;69(4):187–99

Amniotic membranes in the treatment of necrotizing fasciitis complicating vulvar herpes virus infection. Rothman PA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):534–6

FASTING

Influence of glucagon on protein and leucine metabolism: a study in fasting man with induced insulin resistance. Pacy PJ, et al. **Br J Surg** 1990 Jul;77(7):791–4

Fed, but not fasted, adrenalectomized rats survive the stress of hemorrhage and hypovolemia. Darlington DN, et al. **Endocrinology** 1990 Aug;127(2):759–65

Corticosterone, but not glucose, treatment enables fasted adrenalectomized rats to survive moderate hemorrhage. Darlington DN, et al. **Endocrinology** 1990 Aug; 127(2):766–72

Effect of food withdrawal and insulin on growth hormone secretion in the guinea pig. Fairhall KM, et al. **Endocrinology** 1990 Aug;127(2):716–23

Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Sanacora G, et al. **Endocrinology** 1990 Aug;127(2):730–7

FAT EMULSIONS, INTRAVENOUS

Fat emulsion and ARDS [letter] Zakinthinos S, et al. **Chest** 1990 Aug;98(2):509–10

FATIGUE

Elective abdominal surgery depresses muscle protein synthesis and increases subjective fatigue: effects lasting more than 30 days. Petersson B, et al. **Br J Surg** 1990 Jul; 77(7):796–800

Excessive muscular fatigue in patients with spastic paraparesis. Miller RG, et al. **Neurology** 1990 Aug; 40(8):1271–4

FATIGUE SYNDROME, CHRONIC

Bupropion in chronic fatigue syndrome [letter] Goodnick PJ. **Am J Psychiatry** 1990 Aug;147(8):1091

FATTY ACIDS

A carbohydrate-rich diet not only leads to incorporation of medium-chain fatty acids (6:0–14:0) in milk triglycerides but also in each milk-phospholipid subclass. van Beusekom C, et al. **Am J Clin Nutr** 1990 Aug;52(2):326–34

FATTY ACIDS, ESSENTIAL

Manipulation of the acute inflammatory response by dietary polyunsaturated fatty acid modulation. Lefkowith JB, et al. **J Immunol** 1990 Sep 1;145(5):1523–9

Mechanisms underlying the anti-inflammatory effects of essential fatty acid deficiency in experimental glomerulonephritis. Inhibited release of a monocyte chemoattractant by glomeruli. Rovin BH, et al. **J Immunol** 1990 Aug 15;145(4):1238–45

FATTY ACIDS, MONOUNSATURATED

Trans monounsaturated fatty acids and serum cholesterol levels [editorial; comment] Grundy SM. **N Engl J Med** 1990 Aug 16;323(7):480–1. Comment on: N Engl J Med 1990 Aug 16;323(7):439–45.

Effect of dietary trans fatty acids on high-density and low-density lipoprotein cholesterol levels in healthy subjects [see comments] Mensink RP, et al. **N Engl J Med** 1990 Aug 16;323(7):439–45. Comment in: N Engl J Med 1990 Aug 16;323(7):480–1.

FATTY ACIDS, NONESTERIFIED

Free fatty acids inhibit cytotoxic T lymphocyte-mediated lysis of allogeneic target cells. Richieri GV, et al. **J Immunol** 1990 Aug 15;145(4):1074–7

Increase of plasma nonesterified fatty acid concentration and decrease of albumin binding affinity after intravenous injection of glycocholate-lecithin mixed micelles. Guentert TW, et al. **J Lab Clin Med** 1990 Jul;116(1):66–75

FATTY ACIDS, UNSATURATED

Vitamin E intakes and sources in the United States. Murphy SP, et al. **Am J Clin Nutr** 1990 Aug;52(2):361–7

Dietary polyunsaturated fatty acids enhance the uptake of high-density lipoprotein cholesterol ester by rat adipocytes. Zsigmond E, et al. **Am J Clin Nutr** 1990 Aug;52(2):289–99

Vascular prostacyclin is increased in patients ingesting omega-3 polyunsaturated fatty acids before coronary artery bypass graft surgery [see comments] DeCaterina R, et al. **Circulation** 1990 Aug;82(2):428–38. Comment in: Circulation 1990 Aug;82(2):639–42.

Manipulation of the acute inflammatory response by dietary polyunsaturated fatty acid modulation. Lefkowith JB, et al. **J Immunol** 1990 Sep 1;145(5):1523–9

FATTY LIVER

Recurrent acute fatty liver of pregnancy. Barton JR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):534–8

FEAR

Pharmacologic approach to sleep panic attacks [letter] Feder R. **Am J Psychiatry** 1990 Aug;147(8):1091–2

Late-life onset of panic disorder [letter] Hassan R, et al. **Am J Psychiatry** 1990 Aug;147(8):1103–4

Mania in a panic disorder patient treated with fluoxetine [letter] Sholomskas AJ. **Am J Psychiatry** 1990 Aug; 147(8):1090–1

Panic disorder and agoraphobia. Nondrug treatment options for primary care physicians. Ferentz KS. **Postgrad Med** 1990 Aug;88(2):185–92

FECAL INCONTINENCE

Paradoxical approach to the management of faecal incontinence in normal children. Knights B, et al. **Arch Dis Child** 1990 Jun;65(6):598–600; discussion 600–1

Clinical assessment and anorectal manometry before postanal repair: failure to predict outcome. Scott AD, et al. **Br J Surg** 1990 Jun;77(6):628–9

FECES

Excessive faecal losses of vitamin A (retinol) in cystic fibrosis. Ahmed F, et al. **Arch Dis Child** 1990 Jun;65(6):589–93

Haemolytic uraemic syndromes in the British Isles, 1985–8: association with verocytotoxin producing Escherichia coli. Part 2: Microbiological aspects. Kleanthous H, et al. **Arch Dis Child** 1990 Jul;65(7):722–7

Response to faecal challenge in defunctioned colonic Crohn's disease: prediction of long-term course. Fasoli R, et al. **Br J Surg** 1990 Jun;77(6):616–7

Comparative study of hydrogen and methane production in the human colon using caecal and faecal homogenates. Flourié B, et al. **Gut** 1990 Jun;31(6):684–5

Alternative pathways for hydrogen disposal during fermentation in the human colon. Gibson GR, et al. **Gut** 1990 Jun;31(6):679–83

Enzyme linked immunosorbent assay for detecting adenoviruses in stool specimens: comparison with electron microscopy and isolation. Martin AL, et al. **J Clin Pathol** 1990 Jun;43(6):514–5

Escherichia coli O157:H7 and the hemolytic uremic syndrome: importance of early cultures in establishing the etiology. Tarr PI, et al. **J Infect Dis** 1990 Aug;162(2):553–6

FECES, IMPACTED

Appendiceal calculi and fecaliths as indications for appendectomy. Nitecki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):185–8

FEE SCHEDULES

Impact of the Medicare fee schedule on payments to physicians. Levy JM, et al. **JAMA** 1990 Aug 8; 264(6):717–22

FEEDBACK

Effective therapeutic infusions produced by closed-loop feedback control of methohexital administration during total intravenous anesthesia with fentanyl. Schwilden H, et al. **Anesthesiology** 1990 Aug;73(2):225–9

FEEDING BEHAVIOR

If children are developing poorly, ask what they had for breakfast. Lechky O. **Can Med Assoc J** 1990 Aug 1; 143(3):210–3

Feeding behavior of 6- to 12-month-old infants: assessment and sources of parental information. Pridham KF. **J Pediatr** 1990 Aug;117(2 Pt 2):S174–80

The feeding relationship: problems and interventions. Satter E. **J Pediatr** 1990 Aug;117(2 Pt 2):S181–9 (45 ref.)

FEES, MEDICAL

Appropriate charging for professional fees by academic physicians. Purvis JR, et al. **Acad Med** 1990 Jun;65(6):423

FELLOWSHIPS AND SCHOLARSHIPS

Academic missions of division chiefs in pediatric departments. III. The division chief as a director of fellowship training. Stapleton FB. **Am J Dis Child** 1990 Aug;144(8):893–5

The relationship between residency programs and fellowships in the educational setting. Allen WC. **Clin Orthop** 1990 Aug;(257):57–60

Credentialing for international fellowships. Burton RI. **Clin Orthop** 1990 Aug;(257):61–3

Policy statement on grants and awards by the RSNA Research and Education Fund Board of Trustees. Baker HL Jr, et al. **Radiology** 1990 Sep;176(3):861–2

FEMORAL ARTERY

Initial results and subsequent outcome of laser thermal-assisted balloon angioplasty of 56 consecutive femoropopliteal lesions. Feinberg RL, et al. **Am J Surg** 1990 Aug;160(2):166–9; discussion 169–70

Sartorius myoplasty for deep groin wounds following vascular reconstruction. Petrasek PF, et al. **Am J Surg** 1990 Aug;160(2):175–8

A comparative study of intraoperative angioscopy and completion arteriography following femorodistal bypass. Baxter BT, et al. **Arch Surg** 1990 Aug;125(8):997–1002
A new method of angiographic runoff evaluation in femorodistal reconstructions. Significant correlation with early graft patency. Karacagil S, et al. **Arch Surg** 1990 Aug; 125(8):1055–8
Emergency arterial reconstruction for acute ischaemia. Hickey NC, et al. **Br J Surg** 1990 Jun;77(6):680–1
Axillofemoral bypass as a limb salvage procedure in high risk patients with aortoiliac disease. Naylor AR, et al. **Br J Surg** 1990 Jun;77(6):659–61
Vascular complication of knee arthroplasty under tourniquet. A case report. Hagan PF, et al. **Clin Orthop** 1990 Aug; (257):159–61
Intraoperative intra-arterial urokinase infusion as an adjunct to Fogarty catheter embolectomy in acute arterial occlusion. Garcia R, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):201–5

FEMORAL FRACTURES

Undiagnosed abuse in children younger than 3 years with femoral fracture. Dalton HJ, et al. **Am J Dis Child** 1990 Aug;144(8):875–8
A comparison of the Brooker-Wills and Russell-Taylor nails for treatment of patients who have fractures of the femoral shaft. Blumberg KD, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1019–24
Refracture after removal of a condylar plate from the distal third of the femur. Böstman OM. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1013–8
Heterotopic ossification about the hip after intramedullary nailing for fractures of the femur. Brumback RJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1067–73
Improved outcome with femur fractures: early vs. delayed fixation. Behrman SW, et al. **J Trauma** 1990 Jul;30(7):792–7; discussion 797–8

FEMORAL NECK FRACTURES

Factors predisposing to healing complications after internal fixation of femoral neck fracture. A stepwise logistic regression analysis. Alberts KA, et al. **Clin Orthop** 1990 Aug;(257):129–33

FEMORAL NERVE

Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Kaku DA, et al. **Neurology** 1990 Aug;40(8):1317–8

FEMUR

Roentgenographic assessment of the biologic fixation of porous-surfaced femoral components. Engh CA, et al. **Clin Orthop** 1990 Aug;(257):107–28
Steroid-related osteonecrosis of the knee. Two case reports and a literature review. Kelman GJ, et al. **Clin Orthop** 1990 Aug;(257):171–6 (17 ref.)
Femoral osteotomy in Perthes' disease. Results at maturity. Coates CJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):581–5
Valgus-extension osteotomy for osteoarthritis of the hip. Indications and long-term results. Maistrelli GL, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):653–7

FEMUR HEAD

Treatment of benign lesions of the femoral head and neck. Jaffe KA, et al. **Clin Orthop** 1990 Aug;(257):134–7
Remodelling after pinning for slipped capital femoral epiphysis. Jones JR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):568–73
Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265–9

FEMUR HEAD NECROSIS

The value of preliminary traction in the treatment of congenital dislocation of the hip. Kahle WK, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1043–7
Avascular necrosis in patients treated with the Pavlik harness for congenital dislocation of the hip. Suzuki S, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1048–55
Avascular necrosis following closed reduction of congenital dislocation of the hip. Review of influencing factors and long-term follow-up. Brougham DI, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):557–62
Femoral osteotomy in Perthes' disease. Results at maturity. Coates CJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):581–5

FEMUR NECK

Treatment of benign lesions of the femoral head and neck. Jaffe KA, et al. **Clin Orthop** 1990 Aug;(257):134–7
Ultrasound measurement of femoral anteversion. Terjesen T, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):726–7

FENOTEROL

Fenoterol and fatal asthma [letter] Elwood JM. **Lancet** 1990 Aug 18;336(8712):436–7

FENTANYL

Tussive effect of fentanyl [letter] Ananthanarayan C. **Anaesthesia** 1990 Jul;45(7):595
A comparison of the effects of alfentanil/droperidol or fentanyl/droperidol on intra-ocular pressure. Coley S, et al. **Anaesthesia** 1990 Jun;45(6):477–80
Comparison of epidural sufentanil plus clonidine with sufentanil alone for postoperative pain relief. Vercauteren M, et al. **Anaesthesia** 1990 Jul;45(7):531–4
Inhaled fentanyl as a method of analgesia. Worsley MH, et al. **Anaesthesia** 1990 Jun;45(6):449–51
Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Dyer RA, et al. **Anesth Analg** 1990 Aug;71(2):130–6
Sufentanil does not increase cerebral blood flow in healthy human volunteers. Mayer N, et al. **Anesthesiology** 1990 Aug;73(2):240–3
Effective therapeutic infusions produced by closed-loop feedback control of methohexital administration during total intravenous anesthesia with fentanyl. Schwilden H, et al. **Anesthesiology** 1990 Aug;73(2):225–9
Anesthetics in the ED [letter] Eckhardt WF. **Ann Emerg Med** 1990 Jul;19(7):839–40
Midazolam-fentanyl intravenous sedation in children: case report of respiratory arrest. Yaster M, et al. **Pediatrics** 1990 Sep;86(3):463–7

FERMENTATION

Alternative pathways for hydrogen disposal during fermentation in the human colon. Gibson GR, et al. **Gut** 1990 Jun;31(6):679–83

FERRICYANIDES

Intravenous infusions of nitroprusside, dobutamine, and nitroglycerin are compatible [see comments] Horrow JC, et al. **Crit Care Med** 1990 Aug;18(8):858–61. Comment in: Crit Care Med 1990 Aug;18(8):896.

FERRITIN

Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. Klockars M, et al. **Br J Rheumatol** 1990 Aug;29(4):318–9

FERROUS COMPOUNDS

Premicellar taurocholate avidly binds ferrous (Fe++) iron: a potential physiologic role for bile salts in iron absorption. Sanyal AJ, et al. **J Lab Clin Med** 1990 Jul;116(1):76–86

FERTILITY

From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1990 Aug 22–29; 264(8):950
Down's syndrome and fertility in older women [letter] Dolk H, et al. **Lancet** 1990 Aug 25;336(8713):511

FERTILIZATION

5-fluorouracil exposure during the period of conception: report on two cases. Odom LD, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):76–7
Preconception care. Risk reduction and health promotion in preparation for pregnancy. Jack BW, et al. **JAMA** 1990 Sep 5;264(9):1147–9
Preconception genetic diagnosis of cystic fibrosis [letter] Strom CM, et al. **Lancet** 1990 Aug 4;336(8710):306–7

FERTILIZATION IN VITRO

Heterotopic pregnancy associated with assisted reproductive technology [letter] Dimitry ES, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):244–5
How sperm commence movement and their isolation for in vitro fertilization and sex selection [letter] Shettles LB. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270
Human Fertilisation and Embryology Bill goes to report stage. Braude P, et al. **BMJ** 1990 Jun 2;300(6737):1410–2
The perurethral technique for ultrasound directed follicle aspiration in an in-vitro fertilization and embryo transfer programme: a report of 636 patient cycles. Booker M, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):499–505
Ovarian relaxin is not essential for dilatation of cervix [letter] Eddie LW, et al. **Lancet** 1990 Jul 28;336(8709):243
Multifetal pregnancy in a gonadal dysgenesis mosaic. Bardeguez AD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):502–4

FETAL ALCOHOL SYNDROME

Use of the T-ACE questions to detect risk-drinking [letter] Elliot DL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):684–5

FETAL ANOXIA

Intrapartum asphyxia in pregnancies complicated by intra-amniotic infection. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):351–4

FETAL BLOOD

Cerebral palsy and intrapartum fetal acidemia [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):266–7
Detection of fetal blood contamination by amniotic fluid obtained during cordocentesis. Lazebnik N, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):78–80
Relationship of fetal biophysical profile and blood gas values at cordocentesis in severely growth-retarded fetuses. Ribbert LS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):569–71
Relation between maternal-to-fetal blood glucose gradient and uterine and umbilical Doppler blood flow measurements. Economides DL, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):543–4
Artrial natriuretic peptide in fetal disease. Fisk NM, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):545–6
The placental transfer of mifepristone (RU 486) during the second trimester and its influence upon maternal and fetal steroid concentrations. Hill NC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):406–11
The effect of caput succedaneum on oxygen saturation measurements. Johnson N, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):493–8
Perinatal growth hormone (GH) physiology: effect of GH-releasing factor on maternal and fetal secretion of pituitary and placental GH. de Zegher F, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):520–2
The biophysical profile in labor. Sassoon DA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):360–5

FETAL DEATH

Immunoglobulin G fractions from patients with antiphospholipid antibodies cause fetal death in BALB/c mice: a model for autoimmune fetal loss. Branch DW, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):210–6
Induction of labor with mifepristone (RU 486) in intrauterine fetal death. Cabrol D, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):540–2
Prolongation of pregnancy and survival of second twin [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270–1
Effect of mitral valve prosthetic surgery on the outcome of a growth-retarded fetus. A case report. Izquierdo LA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):584–6
Twin pregnancy complicated by single intrauterine death. Problems and outcome with conservative management. Fusi L, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):511–6
Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy. The Helsinki Ultrasound Trial. Saari-Kemppainen A, et al. **Lancet** 1990 Aug 18;336(8712):387–91

FETAL DEVELOPMENT

Maternal and fetal responses to the stresses of lactation concurrent with pregnancy and of short recuperative intervals. Merchant K, et al. **Am J Clin Nutr** 1990 Aug; 52(2):280–8
Growth of linear parameters in trisomy 18 fetuses. Droste S, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):158–61
Normal development after exposure to mifepristone in early pregnancy [letter] Lim BH, et al. **Lancet** 1990 Jul 28; 336(8709):257–8
Sonographic growth measurements in triplet pregnancies [letter] Jones JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):477–8

FETAL DISEASES

Transvaginal ultrasonographic detection of congenital anomalies in the first trimester. Cullen MT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):466–76
Is meconium aspiration an intrauterine event? [letter] Falciglia HS. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):250–1
Prenatal diagnosis of congenital cytomegalovirus infection: two decades later. Grose C, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):447–50
Study of internal structure of the human fetus in utero by echo-planar magnetic resonance imaging. Johnson IR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):601–7
Spontaneous resolution of a nuchal fetal cystic hygroma diagnosed early in the second trimester of pregnancy [letter] Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):267–9
Appropriate screening tests [letter] Nagey DA. **Am J Obstet Gynecol** 1990 Aug;163(2):688–9
Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization. Silver HM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):19–25
Prenatal diagnosis of a chest wall mass with ultrasonography and Doppler velocimetry. A case report. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):567–9
Family studies and prenatal diagnosis in severe von Willebrand disease by polymerase chain reaction amplification of a variable number tandem repeat region of the von Willebrand factor gene. Peake IR, et al. **Blood** 1990 Aug 1;76(3):555–61

Maternal and fetal screening [letter] **BMJ** 1990 Jun 9; 300(6738):1526–7
Fetal vesicorectal fistula causing oligohydramnios in the second trimester. Case report. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1990 May;97(5):449–51
Artrial natriuretic peptide in fetal disease. Fisk NM, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):545–6
Listeriosis revisited: the role of the obstetrician [letter] Frappell J, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):550–1
Early recurrent miscarriage: histology of conception products. Houwert-de Jong MH, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):533–5
Evaluation of fetal renal function: unreliability of fetal urinary electrolytes. Elder JS, et al. **J Urol** 1990 Aug;144(2 Pt 2):574–8; discussion 593–4
The postnatal management of hydronephrosis diagnosed by prenatal ultrasound. Ransley PG, et al. **J Urol** 1990 Aug; 144(2 Pt 2):584–7; discussion 593–4
Experimental ureteral obstruction in the fetal opossum. I. Renal functional assessment. Steinhardt G, et al. **J Urol** 1990 Aug;144(2 Pt 2):564–6; discussion 593–4
Very early intracranial haemorrhage in alloimmune fetal thrombocytopenia [letter] Giovangrandi Y, et al. **Lancet** 1990 Aug 4;336(8710):310
Parvovirus B19 infection in the fetus [letter] Knisely AS. **Lancet** 1990 Aug 18;336(8712):443
Maternal lithium therapy and polyhydramnios. Ang MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):517–9
Prenatal diagnosis of chondrodysplasia punctata by sonography. Duff P, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):497–500
Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Hill LM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):500–2
Prenatal sonographic findings of Down syndrome: review of 94 cases. Nyberg DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):370–7
Fetal blood sampling in the management of intrauterine thyrotoxicosis. Porreco RP, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):509–12
Prenatal diagnosis of fetal hyperthyroidism using funipuncture. Wenstrom KD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):513–7
Cocaine in the cradle: a hidden epidemic. Giacoia GP. **South Med J** 1990 Aug;83(8):947–51 (38 ref.)
Can acetaminophen excess result in maternal and fetal toxicity? Kurzel RB. **South Med J** 1990 Aug;83(8):953–5

FETAL GROWTH RETARDATION

Effect of mitral valve prosthetic surgery on the outcome of a growth-retarded fetus. A case report. Izquierdo LA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):584–6
Relationship of fetal biophysical profile and blood gas values at cordocentesis in severely growth-retarded fetuses. Ribbert LS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):569–71
The differential neonatal morbidity of the intrauterine growth retardation syndrome. Villar J, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):151–7
Intrauterine growth retardation and umbilical artery flow [letter] McKnight L. **BMJ** 1990 Jun 9;300(6738):1525
Relation between maternal-to-fetal blood glucose gradient and uterine and umbilical Doppler blood flow measurements. Economides DL, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):543–4
Blood flow velocity waveforms from the fetal external iliac artery as a measure of lower extremity vascular resistance. Stewart PA, et al. **Br J Obstet Gynaecol** 1990 May; 97(5):425–30
Intrauterine growth is related to gestational pulmonary function in pregnant asthmatic women. Kaiser-Permanente Asthma and Pregnancy Study Group. Schatz M, et al. **Chest** 1990 Aug;98(2):389–92

FETAL HEART

Sinusoidal fetal heart rate pattern during cardiopulmonary bypass. Burke AB, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):17–8
Fetal heart rate monitoring during cesarean section [letter] Dunn LK. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):253

FETAL MEMBRANES, PREMATURE RUPTURE

Risk factors for preterm premature rupture of fetal membranes: a multicenter case-control study. Harger JH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):130–7
Isolation of Chlamydia trachomatis from amniotic fluid. Thomas GB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):519–20

FETAL MONITORING

Fetal heart rate monitoring during cesarean section [letter] Dunn LK. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):253
Study results vary in count-to-10 method of fetal movement screening [letter] Elbourne D, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):264–5
Two-tier approach to biophysical assessment of the fetus. Mills MS, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):12–7
The biophysical profile in labor. Sassoon DA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):360–5
Maternal obesity: a potential source of error in sonographic prenatal diagnosis. Wolfe HM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):339–42

FETAL MOVEMENT

Effect of maternal-fetal movement on concentration of cells obtained at genetic amniocentesis. Carlan SJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):490–3
Study results vary in count-to-10 method of fetal movement screening [letter] Elbourne D, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):264–5
Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. Panter KE, et al. **J Toxicol Clin Toxicol** 1990;28(1):69–83

FETOFETAL TRANSFUSION

Twin-to-twin transfusion syndrome [letter] Blickstein I. **Am J Obstet Gynecol** 1990 Aug;163(2):677–8
Paradoxical bone mineralisation in the twin to twin transfusion syndrome. Bishop NJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):705–6
Fetofetal transfusion syndrome: do the neonatal criteria apply in utero? Fisk NM, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):657–61

FETUS

Effects of clonidine on breathing movements and electrocortical activity in the fetal lamb. Bamford OS, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):661–8
The effect of adrenocorticotropic hormone infusion on subsequent pituitary response in the sheep fetus. Cuthrell WV, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):170–4
Study of internal structure of the human fetus in utero by echo-planar magnetic resonance imaging. Johnson IR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):601–7
Two-tier approach to biophysical assessment of the fetus. Mills MS, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):12–7
Survival in a fetus with sacrococcygeal teratoma and hydrops [letter] Nakayama DK. **Am J Obstet Gynecol** 1990 Aug; 163(2):682
Rapid determination of fetal sex [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):683–4
Differential sensitivities of fetal muscle groups to d-tubocurarine. Szeto HH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):202–9
Ductus arteriosus flow velocity modulation by fetal breathing movements as a measure of fetal lung development. van Eyck J, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):558–66
AMA-RPS takes stand on maternal-fetal conflict. **JAMA** 1990 Sep 12;264(10):1245
Tolerance and the fetal graft [editorial] **Lancet** 1990 Sep 1; 336(8714):538–9
Substance abuse and child abuse. Impact of addiction on the child. Bays J. **Pediatr Clin North Am** 1990 Aug; 37(4):881–904 (87 ref.)

FEVER

Antipyresis and fever. Styrt B, et al. **Arch Intern Med** 1990 Aug;150(8):1589–97 (197 ref.)
Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809–10
Night sweats in Hodgkin's disease. A manifestation of preceding minor febrile pulses. Gobbi PG, et al. **Cancer** 1990 May 1;65(9):2074–7
Urinary tract infections in febrile infants younger than 8 weeks of age. Crain EF, et al. **Pediatrics** 1990 Sep; 86(3):363–7

FIBER OPTICS

Percutaneous fiberoptic angioscopy of the left ventricle in patients with dilated cardiomyopathy and acute myocarditis. Uchida Y, et al. **Am Heart J** 1990 Sep; 120(3):677–87
Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chan AL, et al. **Chest** 1990 Aug;98(2):271–5

FIBRIN

Fibrin polymerization and its regulatory role in hemostasis. Mosesson MW. **J Lab Clin Med** 1990 Jul;116(1):8–17 (132 ref.)

FIBRIN FIBRINOGEN DEGRADATION PRODUCTS

Increased intracardiovascular clotting in patients with chronic atrial fibrillation. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):377–80

FIBRIN TISSUE ADHESIVE

Fibrin glue-antibiotic suspension in the prevention of prosthetic graft infection. Ney AL, et al. **J Trauma** 1990 Aug;30(8):1000–5; discussion 1005–6
Fibrin glue as a hemostatic agent in hepatic and splenic trauma. Ochsner MG, et al. **J Trauma** 1990 Jul;30(7):884–7

FIBRINOGEN

Diabetes, fibrinogen, and risk of cardiovascular disease: the Framingham experience. Kannel WB, et al. **Am Heart J** 1990 Sep;120(3):672–6
Fish-oil concentrate: effects on variables related to cardiovascular disease. Flaten H, et al. **Am J Clin Nutr** 1990 Aug;52(2):300–6
Role of fibrinopeptide B in early atherosclerotic lesion formation. Singh TM, et al. **Am J Surg** 1990 Aug; 160(2):156–9
The effect of desmopressin on massive gastrointestinal bleeding in hereditary telangiectasia unresponsive to treatment with cryoprecipitate. Quitt M, et al. **Arch Intern Med** 1990 Aug;150(8):1744–6
Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. Koppensteiner R, et al. **BMJ** 1990 Jun 23;300(6740):1626–7
Comparison of an immunochemical assay for plasma fibrinogen and a turbidimetric thrombin clotting technique to discriminate hyperlipidaemic patients from healthy controls. Knapp ML, et al. **J Clin Pathol** 1990 Jun; 43(6):508–10

FIBRINOLYSIS

Impaired fibrinolytic capacity and early recurrent spontaneous abortion. Gris JC, et al. **BMJ** 1990 Jun 9; 300(6738):1500
Fibrinolytic activity in the synovial membrane of osteoarthritis. Matucci-Cerinic M, et al. **Br J Rheumatol** 1990 Aug;29(4):249–53
The coagulopathy of childhood leukemia. Thrombin activation or primary fibrinolysis? Abshire TC, et al. **Cancer** 1990 Aug 15;66(4):716–21
Fibrinolysis and the bleeding tendency in patients with hepatosplenic schistosomiasis. Omran SA, et al. **J Clin Pathol** 1990 Jun;43(6):476–8

FIBRINOLYTIC AGENTS

Management comparison for acute myocardial infarction: direct angioplasty versus sequential thrombolysis-angioplasty. Beauchamp GD, et al. **Am Heart J** 1990 Aug;120(2):237–42
PTCA following myocardial infarction: use of bailout fibrinolysis to improve results. Haft JI, et al. **Am Heart J** 1990 Aug;120(2):243–7
Effects of thrombolysis on the 12-lead signal-averaged ECG in the early postinfarction period. Leor J, et al. **Am Heart J** 1990 Sep;120(3):495–502
Unstable angina or non-Q wave infarction despite long-term aspirin: response to thrombolytic therapy with implications on mechanisms. Schreiber TL, et al. **Am Heart J** 1990 Aug; 120(2):248–55
Coronary reperfusion studies with pro-urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. Kasper W, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):733–8
Stroke complicating thrombolytic therapy of acute myocardial infarction [comment] Sloan MA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):541–4. Comment on: J Am Coll Cardiol 1990 Sep;16(3):533–40.
Impact of intravenous thrombolysis on short-term coronary revascularization rates. A meta-analysis [see comments] Naylor CD, et al. **JAMA** 1990 Aug 8;264(6):697–702. Comment in: JAMA 1990 Aug 8;264(6):738–9.

FIBROBLAST GROWTH FACTOR

Fibroblast growth factor. Chemical structure and biologic function. Gospodarowicz D. **Clin Orthop** 1990 Aug; (257):231–48 (162 ref.)
Selective elimination of fibroblasts from pancreatic islet monolayers by basic fibroblast growth factor-saporin mitotoxin. Beattie GM, et al. **Diabetes** 1990 Aug; 39(8):1002–5
Growth factor-initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non-cytolysin cytotoxin in natural killer granules. Khalil N, et al. **J Immunol** 1990 Aug 15;145(4):1286–92

FIBROBLASTS

Epithelial cell-fibroblast interactions in lung injury and repair. Adamson IY, et al. **Am J Pathol** 1990 Aug; 137(2):385–92
Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864–9
Selective elimination of fibroblasts from pancreatic islet monolayers by basic fibroblast growth factor-saporin mitotoxin. Beattie GM, et al. **Diabetes** 1990 Aug; 39(8):1002–5

FIBROMA

Inflammatory pseudotumor of lymph nodes. Immunohistochemical evidence for its fibrohistiocytic nature. Facchetti F, et al. **Am J Pathol** 1990 Aug; 137(2):281–9

Mesenteric fibromatosis. A follow-up study. Burke AP, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):832–5

Infantile myofibromatosis of the mandible. Matthews MS, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):884–9; discussion 890–1

Cellular fibroma masquerading as ovarian carcinoma. Walker JL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):530–1

FIBROMYALGIA

Psychological symptoms in primary fibromyalgia syndrome: relationship to pain, life stress, and sleep disturbance. Uveges JM, et al. **Arthritis Rheum** 1990 Aug;33(8):1279–83

Re-analysis of clinical trial of homoeopathic treatment in fibrositis [letter] Colquhoun D. **Lancet** 1990 Aug 18; 336(8712):441–2

FIBRONECTINS

Plasma fibronectin concentrations in patients with human immunodeficiency virus infection. Torre D, et al. **J Clin Pathol** 1990 Jul;43(7):560–2

Fibronectin promotes proliferation of naive and memory T cells by signaling through both the VLA-4 and VLA-5 integrin molecules. Davis LS, et al. **J Immunol** 1990 Aug 1;145(3):785–93

FIBROUS DYSPLASIA OF BONE

From the National Institutes of Health. Raub W. **JAMA** 1990 Sep 5;264(9):1086

FIBULA

Giant cell tumours of the proximal fibula. Farooque M, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):723–4

Late lengthening of the fibula for malaligned ankle fractures. Ward AJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):714–7

FILARIOIDEA

Pulmonary dirofilariasis: restudy of worms reported gravid. Beaver PC, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):167–9

FILTRATION

Monorail system for percutaneous repositioning of the Greenfield vena caval filter. Guthaner DF, et al. **Radiology** 1990 Sep;176(3):872–4

FINANCIAL MANAGEMENT

Hospitals get help in running hospices. Anderson HJ. **Hospitals** 1990 Aug 5;64(15):73–4

CFOs see physician relations as key to financial performance. Anderson HJ. **Hospitals** 1990 Aug 20;64(16):38–42

Hospitals should develop charity reporting policy. Anderson HJ. **Hospitals** 1990 Aug 20;64(16):60

Attorney: business image can hurt hospitals. Hudson T. **Hospitals** 1990 Aug 5;64(15):68

CEOs: keep capital fold-in out of budget politics. Johnsson J. **Hospitals** 1990 Aug 5;64(15):25

S&P: anatomy of four recent hospital bond defaults. Johnsson J. **Hospitals** 1990 Aug 5;64(15):56, 58, 60

Alternative revenue sources for school foodservice: a survey of school food and nutrition services. Pond-Smith D, et al. **J Am Diet Assoc** 1990 Aug;90(8):1103–4

Contracting: a partnership between hospitals and schools of nursing. Anema MG, et al. **J Nurs Adm** 1990 Jul-Aug; 20(7–8):7, 17

FINANCING, GOVERNMENT

Of underimmunization and underfunding [editorial] Plotkin SA. **Hosp Pract [Off]** 1990 Jul 15;25(7):9, 13

The debt and the cash flow of residents: II. And now for the future: the end of HEAL? [letter] Walden TL Jr. **JAMA** 1990 Sep 12;264(10):1249–50

FINANCING, ORGANIZED

The coming crisis in funding child psychiatry training. McKelvey RS. **Am J Psychiatry** 1990 Sep;147(9):1220–4

FINGER INJURIES

Simultaneous dorsal dislocation of interphalangeal joints in a finger. Bayne O, et al. **Clin Orthop** 1990 Aug;(257):104–6

FINGERS

Acroatrophy secondary to long-standing applications of topical steroids. Requena L, et al. **Arch Dermatol** 1990 Aug; 126(8):1013–4

A large leiomyoma of the digit [letter] Vaughn TR, et al. **Plast Reconstr Surg** 1990 Sep;86(3):605–6

FIRES

A population-based descriptive study of housefire deaths in North Carolina. Patetta MJ, et al. **Am J Public Health** 1990 Sep;80(9):1116–7

Incendiary potential of the flash-lamp pumped 585-nm tunable dye laser. Epstein RH, et al. **Anesth Analg** 1990 Aug;71(2):171–5

FISH OILS

Fish-oil concentrate: effects on variables related to cardiovascular disease. Flaten H, et al. **Am J Clin Nutr** 1990 Aug;52(2):300–6

Vascular prostacyclin is increased in patients ingesting omega-3 polyunsaturated fatty acids before coronary artery bypass graft surgery [see comments] DeCaterina R, et al. **Circulation** 1990 Aug;82(2):428–38. Comment in: Circulation 1990 Aug;82(2):639–42.

Another piece of the fish oil puzzle [comment] Dehmer GJ. **Circulation** 1990 Aug;82(2):639–42. Comment on: Circulation 1990 Aug;82(2):428–38.

Cardiovascular effects of fish oils. Beyond the platelet. Leaf A. **Circulation** 1990 Aug;82(2):624–8 (42 ref.)

FISHES

Consumer perceptions of fresh fish quality. Hadlett HM, et al. **J Am Diet Assoc** 1990 Aug;90(8):1109–11

Issues of inspection and safety of seafood examined [letter] Shank FR. **J Am Diet Assoc** 1990 Aug;90(8):1054–5

FISTULA

Pleural-subarachnoid fistula detected by radionuclide myelography. Hernigou P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):727–8

Operative strategy in Mirizzi syndrome. Dewar G, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):157–9

FIXATIVES

Does delay in fixation affect the number of mitotic figures in processed tissue? Cross SS, et al. **J Clin Pathol** 1990 Jul;43(7):597–9

FLOW CYTOMETRY

Flow cytometric quantitation of tumor-associated antigens in solid tumors [letter] van Dam PA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):698–9

Flow cytometric evaluation of multicystic dysplastic kidneys. Jung WH, et al. **J Urol** 1990 Aug;144(2 Pt 2):413–5; discussion 422

Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)

FLOWMETERS

Measuring peak expiratory flow in general practice: comparison of mini Wright peak flow meter and turbine spirometer. Jones KP, et al. **BMJ** 1990 Jun 23; 300(6740):1629–31

FLUCONAZOLE

Fluconazole, a new antifungal agent. Galgiani JN. **Ann Intern Med** 1990 Aug 1;113(3):177–9 (31 ref.)

Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183–7

Response of long-running Alternaria alternata infection to fluconazole [letter] Diaz M, et al. **Lancet** 1990 Aug 25; 336(8713):513

Fluconazole-induced jaundice [letter] Franklin IM, et al. **Lancet** 1990 Sep 1;336(8714):565

FLUCYTOSINE

Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183–7

Flucytosine interference in creatinine assay [letter] Bennett JE, et al. **J Infect Dis** 1990 Aug;162(2):571–2

FLUMAZEPIL

Flumazenil in the outpatient. A study following midazolam as sedation for upper gastrointestinal endoscopy. Andrews PJ, et al. **Anaesthesia** 1990 Jun;45(6):445–8

FLUORESCEIN ANGIOGRAPHY

Subretinal hemorrhage during fluorescein angiography [letter] de Juan E Jr. **Arch Ophthalmol** 1990 Aug; 108(8):1068

FLUORESCEINS

Potential bacterial contamination in fluorescein-anesthetic solutions. Duffner LR, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):199–202

Fluorescein dilaurate test of exocrine pancreatic function in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jul; 65(7):788–9

FLUORIDATION

The status of community water fluoridation in the United States. Easley MW. **Public Health Rep** 1990 Jul-Aug; 105(4):348–53

FLUORINE RADIOISOTOPES

In vivo delineation of myocardial hypoxia during coronary occlusion using fluorine-18 fluoromisonidazole and positron emission tomography: a potential approach for identification of jeopardized myocardium [see comments] Shelton ME, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):477–85. Comment in: J Am Coll Cardiol 1990 Aug;16(2):486–8.

FLUORODEOXYURIDINE

Intra-arterial floxuridine vs systemic fluorouracil for hepatic metastases from colorectal cancer. A randomized trial. Martin JK Jr, et al. **Arch Surg** 1990 Aug;125(8):1022–7

FLUOROMETRY

Estimation of 5-aminosalicylic acid and its metabolite in human serum by front-face fluorometry: a simple and sensitive method. Hirsch RE, et al. **J Lab Clin Med** 1990 Jul;116(1):45–50

FLUOROURACIL

5-fluorouracil exposure during the period of conception: report on two cases. Odom LD, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):76–7

Intra-arterial floxuridine vs systemic fluorouracil for hepatic metastases from colorectal cancer. A randomized trial. Martin JK Jr, et al. **Arch Surg** 1990 Aug;125(8):1022–7

Prolonged thrombocytosis in mice after 5-fluorouracil results from failure to down-regulate megakaryocyte concentration. An experimental model that dissociates regulation of megakaryocyte size and DNA content from megakaryocyte concentration. Chenaille PJ, et al. **Blood** 1990 Aug 1;76(3):508–15

Prospective randomized controlled trial of hepatic arterial embolization or infusion chemotherapy with 5-fluorouracil and degradable starch microspheres for colorectal liver metastases. Hunt TM, et al. **Br J Surg** 1990 Jul;77(7):779–82

A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Windschitl HE, et al. **Cancer** 1990 Sep 1;66(5):853–6

Superficial laser vulvectomy. IV. Extended laser vaporization and adjunctive 5-fluorouracil therapy of human papillomavirus-associated vulvar disease. Reid R, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):439–48

FLUOXETINE

Fluoxetine treatment of exhibitionism [letter] Bianchi MD. **Am J Psychiatry** 1990 Aug;147(8):1089–90

Exacerbation of symptoms of multiple sclerosis in a patient taking fluoxetine [letter] Browning WN. **Am J Psychiatry** 1990 Aug;147(8):1089

Fluoxetine and elevated plasma levels of tricyclic antidepressants [letter] Downs JM, et al. **Am J Psychiatry** 1990 Sep;147(9):1251

Toxicity of fluoxetine in overdose [letter] Moore JL, et al. **Am J Psychiatry** 1990 Aug;147(8):1089

Mania in a panic disorder patient treated with fluoxetine [letter] Sholomskas AJ. **Am J Psychiatry** 1990 Aug; 147(8):1090–1

FLUPHENAZINE

Fluphenazine dose, clinical response, and extrapyramidal symptoms during acute treatment. Levinson DF, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):761–8

Surreptitious noncompliance with oral fluphenazine in a voluntary inpatient population [letter] Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):786–7

FOLIC ACID

Folate status of Mexican American, Cuban, and Puerto Rican women. Fanelli-Kuczmarski MT, et al. **Am J Clin Nutr** 1990 Aug;52(2):368–72

Congenital folate malabsorption: reversible clinical and neurophysiologic abnormalities. Steinschneider M, et al. **Neurology** 1990 Aug;40(8):1315

FOLIC ACID DEFICIENCY

Enhancement of recovery from psychiatric illness by methylfolate. Godfrey PS, et al. **Lancet** 1990 Aug 18; 336(8712):392–5

FOLLICULITIS

Does pityrosporum ovale have a role in psoriasis? [letter] Elewski B. **Arch Dermatol** 1990 Aug;126(8):1111–2

Skin surface electron microscopy in Pityrosporum folliculitis.

The role of follicular occlusion in disease and the response to oral ketoconazole. Hill MK, et al. **Arch Dermatol** 1990 Aug;126(8):1071–4

FOOD

Tatami taxonomy. Morowitz HJ. **Hosp Pract [Off]** 1990 Aug 15;25(8):65–6, 69
Consumer perceptions of fresh fish quality. Hadlett HM, et al. **J Am Diet Assoc** 1990 Aug;90(8):1109–11
Trends in food consumption: implications for infant feeding. Hegsted DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S80–3

FOOD ANALYSIS

Review of methods for measuring gliadins in food. Howdle PD, et al. **Gut** 1990 Jun;31(6):712–3 (17 ref.)
Agreement between analytical values and label declarations of sodium content of processed packaged foods. Cook KK, et al. **J Am Diet Assoc** 1990 Aug;90(8):1085–8

FOOD CONTAMINATION

A multifocal outbreak of hepatitis A traced to commercially distributed lettuce. Rosenblum LS, et al. **Am J Public Health** 1990 Sep;80(9):1075–9
Acute organophosphorus food poisoning caused by contaminated green leafy vegetables. Goh KT, et al. **Arch Environ Health** 1990 May–Jun;45(3):180–4
Aldicarb food poisonings in California, 1985–1988: toxicity estimates for humans. Goldman LR, et al. **Arch Environ Health** 1990 May–Jun;45(3):141–7

FOOD, FORMULATED

Elemental versus polymeric feeding in patients with Crohn's disease—is there really a winner? Klein S. **Gastroenterology** 1990 Sep;99(3):893–4
A randomized trial of indirect calorimetry-based feedings in thermal injury. Saffle JR, et al. **J Trauma** 1990 Jul; 30(7):776–82; discussion 782–3

FOOD, FORTIFIED

Infant nutrient supplementation. Curtis DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)

FOOD HABITS

Intercultural communication in assessing dietary habits: Liberia as an example. Jarosz LA. **J Am Diet Assoc** 1990 Aug;90(8):1094–8

FOOD HYPERSENSITIVITY

Antibiotic treatment of children with secretory otitis media [letter] Thomsen J. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):978
Anaphylaxis induced by peanuts. Assem ES, et al. **BMJ** 1990 May 26;300(6736):1377–8
Vegetableburger allergy: all was nut as it appeared. Donovan KL, et al. **BMJ** 1990 May 26;300(6736):1378
Allergy to peanuts [editorial] Smith T. **BMJ** 1990 May 26; 300(6736):1354
Lymphocyte responses to food antigens in patients with atopic dermatitis who are sensitive to foods. Kondo N, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):253–60
Food sensitivity or self-deception? [editorial; comment] Ferguson A. **N Engl J Med** 1990 Aug 16;323(7):476–8. Comment on: N Engl J Med 1990 Aug 16;323(7):429–33.
A double-blind study of symptom provocation to determine food sensitivity [see comments] Jewett DL, et al. **N Engl J Med** 1990 Aug 16;323(7):429–33. Comment in: N Engl J Med 1990 16;323(7):476–8.

FOOD INSPECTION

Issues of inspection and safety of seafood examined [letter] Shank FR. **J Am Diet Assoc** 1990 Aug;90(8):1054–5

FOOD LABELING

Agreement between analytical values and label declarations of sodium content of processed packaged foods. Cook KK, et al. **J Am Diet Assoc** 1990 Aug;90(8):1085–8
Nutrient content and nutrition labeling of several processed Florida citrus juice products. Fellers PJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1079–84
From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Sep 12;264(10):1239

FOOD MICROBIOLOGY

Foodborne hepatitis A: evidence that microwaving reduces risk? Mishu B, et al. **J Infect Dis** 1990 Sep;162(3):655–8
Shuck your oysters with care. **Lancet** 1990 Jul 28; 336(8709):215–6 (14 ref.)
Concern about bovine spongiform encephalopathy [letter] Howard R, et al. **Lancet** 1990 Aug 4;336(8710):316

FOOD POISONING

Aldicarb food poisonings in California, 1985–1988: toxicity estimates for humans. Goldman LR, et al. **Arch Environ Health** 1990 May–Jun;45(3):141–7

FOOD PRESERVATION

Agreement between analytical values and label declarations of sodium content of processed packaged foods. Cook KK, et al. **J Am Diet Assoc** 1990 Aug;90(8):1085–8

FOOD SERVICE, HOSPITAL

The management component of our profession. Dowling R, et al. **J Am Diet Assoc** 1990 Aug;90(8):1065–6
Influence of job characteristics and organizational commitment on job satisfaction of hospital foodservice employees. Sneed J, et al. **J Am Diet Assoc** 1990 Aug; 90(8):1072–6

FOOD SERVICES

Alternative revenue sources for school foodservice: a survey of school food and nutrition services. Pond-Smith D, et al. **J Am Diet Assoc** 1990 Aug;90(8):1103–4
Survey of foodservice production forecasting. Repko CJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1067–71
Impact of the Special Supplemental Food Program on infants. Batten S, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S101–9

FOOD SUPPLY

Survey of foodservice production forecasting. Repko CJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1067–71

FOOT

A new method of angiographic runoff evaluation in femorodistal reconstructions. Significant correlation with early graft patency. Karacagil S, et al. **Arch Surg** 1990 Aug; 125(8):1055–8
Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Chantelau E, et al. **Diabetes** 1990 Aug;39(8):938–41
Blackfoot disease [letter] Chen CJ. **Lancet** 1990 Aug 18; 336(8712):442
Imaging of the foot and ankle. Pavlov H. **Radiol Clin North Am** 1990 Sep;28(5):991–1018 (71 ref.)

FOOT DEFORMITIES, ACQUIRED

Hindfoot arthrodesis in adults utilizing a dowel graft technique. Cracchiolo A 3d, et al. **Clin Orthop** 1990 Aug; (257):193–203
The importance of the valgus hindfoot in forefoot surgery in rheumatoid arthritis. Stockley I, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):705–8

FOOT DERMATOSES

Lesions on the feet of a scuba diver. Cutaneous larva migrans. Scheiner RB, et al. **Arch Dermatol** 1990 Aug;126(8):1092, 1095–6

FOOT DISEASES

Imaging of the foot and ankle. Pavlov H. **Radiol Clin North Am** 1990 Sep;28(5):991–1018 (71 ref.)

FORCED EXPIRATORY FLOW RATES

Measuring peak expiratory flow in general practice: comparison of mini Wright peak flow meter and turbine spirometer. Jones KP, et al. **BMJ** 1990 Jun 23; 300(6740):1629–31
An evaluation of flow-volume curves as a screening test for obstructive sleep apnea. Katz I, et al. **Chest** 1990 Aug; 98(2):337–40

FOREARM

A cell culture, chromosomal and quantitative DNA analysis of a metastatic epithelioid sarcoma. Deletion 1p, a possible primary chromosomal abnormality in epithelioid sarcoma. Stenman G, et al. **Cancer** 1990 May 1;65(9):2006–13
Compression of the anterior interosseous nerve after use of a sling for dislocation of the acromioclavicular joint. A report of two cases. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1100–2

FOREARM INJURIES

Removal of forearm plates. A review of the complications. Langkamer VG, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):601–4

FORECASTING

Survey of foodservice production forecasting. Repko CJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1067–71
Current and future dimensions of the HIV/AIDS pandemic in women and children. Chin J. **Lancet** 1990 Jul 28; 336(8709):221–4

FOREFOOT, HUMAN

Peak pressures in the forefoot. Bransby-Zachary MA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):718–21

FOREIGN BODIES

Retrieval of vein graft suture fragments with directional coronary atherectomy: a note of caution. Kahn JK, et al. **Am Heart J** 1990 Sep;120(3):692–6
A vesicovaginal fistula and intravesical foreign body. A rare case of the neglected pessary. Goldstein I, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):589–91
Bay leaf impaction [letter] Belitsos NJ. **Ann Intern Med** 1990 Sep 15;113(6):483–4
Tracheobronchial foreign bodies [letter] Whitlock WL, et al. **Ann Intern Med** 1990 Sep 15;113(6):482–3
Paraplegia associated with the use of oxidized cellulose in posterolateral thoracotomy incisions [see comments] Short HD. **Ann Thorac Surg** 1990 Aug;50(2):288–9; discussion 290. Comment in: Ann Thorac Surg 1990 Aug;50(2):178.
Paraplegia associated with thoracotomy [editorial; comment] Walker WE. **Ann Thorac Surg** 1990 Aug;50(2):178. Comment on: Ann Thorac Surg 1990 Aug;50(2):288–9; discussion 290.
Long term follow up after inhalation of foreign bodies. Davies H, et al. **Arch Dis Child** 1990 Jun;65(6):619–21
Radiolucent dentures [letter] Roberts KD. **BMJ** 1990 Jun 23;300(6740):1650–1
Swallowed button batteries: is there a consensus on management? Studley JG, et al. **Gut** 1990 Aug;31(8):867–70
Primary migration of fully-threaded acetabular prostheses. A roentgen stereophotogrammetric analysis. Snorrason F, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):647–52
A lingual thyroid cyst complicating a foreign body in the oesophagus. Harris WE. **J Laryngol Otol** 1990 Jun; 104(6):508–10
Thyroid lobectomy for removal of a fish bone. al Muhanna A, et al. **J Laryngol Otol** 1990 Jun;104(6):511–2
Effect of bullet removal on subsequent pain in persons with spinal cord injury secondary to gunshot wound. Richards JS, et al. **J Neurosurg** 1990 Sep;73(3):401–4

FOREIGN BODY REACTION

The efficacy of absorbable suture for microvascular anastomoses. Fried MP, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1051–4
Foreign-body reactions to fracture fixation implants of biodegradable synthetic polymers. Böstman O, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):592–6
Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. Moore JW, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):808–12
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 34–1990. A 74-year-old man with a failed right-hip replacement, constant pain centered in the right hip, and an osteolytic lesion in the right acetabulum. **N Engl J Med** 1990 Aug 23;323(8):534–9

FOREIGN MEDICAL GRADUATES

Evaluating the clinical skills of foreign medical school graduates participating in an internship preparation program. Rothman AI, et al. **Acad Med** 1990 Jun; 65(6):391–5

FORENSIC MEDICINE

Interaction of penetrating missiles with tissues: some common misapprehensions and implications for wound management. Cooper GJ, et al. **Br J Surg** 1990 Jun;77(6):606–10 (19 ref.)
Compensation for heat-illness death, USA. Brahams D. **Lancet** 1990 Aug 4;336(8710):303

FORENSIC PSYCHIATRY

New extension of the Tarasoff decision [letter] Goldstein RL. **Am J Psychiatry** 1990 Sep;147(9):1250–1

FORMALDEHYDE

Sclerosing cholangitis induced by formaldehyde solution injected into the biliary tree of rats. Houry S, et al. **Arch Surg** 1990 Aug;125(8):1059–61
Clinical and immunologic evaluation of 37 workers exposed to gaseous formaldehyde. Grammer LC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):177–81

N-FORMYLMETHIONINE LEUCYL-PHENYLALANINE

Compartmentalization of cyclic GMP-dependent protein kinase in formyl-peptide stimulated neutrophils. Pryzwansky KB, et al. **Blood** 1990 Aug 1;76(3):612–8

FRACTURE FIXATION

External fixation of the injured pelvis. The functional outcome. Majeed SA. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):612–4

FRACTURE FIXATION, INTERNAL

A comparison of the Brooker-Wills and Russell-Taylor nails

for treatment of patients who have fractures of the femoral shaft. Blumberg KD, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1019–24
Refracture after removal of a condylar plate from the distal third of the femur. Böstman OM.
J Bone Joint Surg [Am] 1990 Aug;72(7):1013–8
Foreign-body reactions to fracture fixation implants of biodegradable synthetic polymers. Böstman O, et al.
J Bone Joint Surg [Br] 1990 Jul;72(4):592–6
Avulsion of the ischial apophysis. The case for open reduction and internal fixation. Wootton JR, et al.
J Bone Joint Surg [Br] 1990 Jul;72(4):625–7
Rigid internal fixation vs. traditional techniques for the treatment of mandible fractures. Hoffman WY, et al.
J Trauma 1990 Aug;30(8):1032–5; discussion 1035–6

FRACTURE FIXATION, INTRAMEDULLARY

Heterotopic ossification about the hip after intramedullary nailing for fractures of the femur. Brumback RJ, et al.
J Bone Joint Surg [Am] 1990 Aug;72(7):1067–73
Closed intramedullary tibial nailing. Its use in closed and type I open fractures. Court-Brown CM, et al.
J Bone Joint Surg [Br] 1990 Jul;72(4):605–11
Improved outcome with femur fractures: early vs. delayed fixation. Behrman SW, et al. **J Trauma** 1990 Jul;30(7):792–7; discussion 797–8

FRACTURES

Thoracic spine fractures. Deluca SA. **Am Fam Physician** 1990 Aug;42(2):419–21
The type III dens fracture and its associated soft-tissue injuries: a different form of Hangman's fracture. Renwick IG. **Br J Radiol** 1990 Jun;63(750):495–6
Necrosis of the skin over the metacarpal as a result of functional fracture-bracing [letter] Harvie KW.
J Bone Joint Surg [Am] 1990 Aug;72(7):1114–5
Removal of forearm plates. A review of the complications. Langkamer VG, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):601–4
External fixation of the injured pelvis. The functional outcome. Majeed SA. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):612–4
Malunited ankle fractures. The late results of reconstruction. Marti RK, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):709–13
The Bath bike for walking rehabilitation. May PC, et al.
J Bone Joint Surg [Br] 1990 Jul;72(4):618–9
Degenerative arthritis after intra-articular fractures of the knee. Long-term results. Volpin G, et al.
J Bone Joint Surg [Br] 1990 Jul;72(4):634–8
Late lengthening of the fibula for malaligned ankle fractures. Ward AJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):714–7
Avulsion of the ischial apophysis. The case for open reduction and internal fixation. Wootton JR, et al.
J Bone Joint Surg [Br] 1990 Jul;72(4):625–7
Management of cervical spine fractures [letter] Duff TA.
J Neurosurg 1990 Sep;73(3):478–9
External iliac artery and lumbosacral plexus injury secondary to an open book fracture of the pelvis: report of a case. Birchard JD, et al. **J Trauma** 1990 Jul;30(7):906–8
Pelvic ring disruptions: effective classification system and treatment protocols. Burgess AR, et al. **J Trauma** 1990 Jul; 30(7):848–56
Halo immobilization and surgical fusion: relative indications and effectiveness in the treatment of 140 cervical spine injuries. Rockswold GL, et al. **J Trauma** 1990 Jul; 30(7):893–8
Impotence following delayed repair of prostatomembranous urethral disruption. Dhabuwala CB, et al. **J Urol** 1990 Sep; 144(3):677–8
Cervical fractures and spinal cord injury: outcome of surgical and nonsurgical management. Murphy KP, et al.
Mayo Clin Proc 1990 Jul;65(7):949–59

FRACTURES, SPONTANEOUS

Fluoride and vertebral fractures [letter] Mamelle N, et al.
Lancet 1990 Jul 28;336(8709):243

FRACTURES, UNUNITED

Malunited ankle fractures. The late results of reconstruction. Marti RK, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):709–13

FREE RADICALS

Hemorrhagic shock-induced bacterial translocation: the role of neutrophils and hydroxyl radicals. Deitch EA, et al.
J Trauma 1990 Aug;30(8):942–51; discussion 951–2
Ultraviolet light and free radicals: an immunologic theory of epidermal carcinogenesis. Axelrod M, et al.
Plast Reconstr Surg 1990 Sep;86(3):582–93 (72 ref.)

FRONTAL SINUS

Pneumatization of the paranasal sinuses (maxillary and frontal) in cleft lip and palate. Francis P, et al.
Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):920–2

FRUCTOSE METABOLISM, INBORN ERRORS

An independent diagnosis [clinical conference] Cox TM.
BMJ 1990 Jun 9;300(6738):1512–4

FSH

Differential effects of in vitro glucocorticoids on luteinizing hormone and follicle-stimulating hormone secretion: dependence on sex of pituitary donor. D'Agostino J, et al. **Endocrinology** 1990 Aug;127(2):891–9
Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Dalkin AC, et al.
Endocrinology 1990 Aug;127(2):798–806
Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949–56
Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823–31
Cytokines act within the brain to inhibit luteinizing hormone secretion and ovulation in the rat. Rivier C, et al.
Endocrinology 1990 Aug;127(2):849–56
Mapping of an assembled epitope of human follicle-stimulating hormone-beta utilizing monoclonal antibodies, synthetic peptides, and hormone-receptor inhibition. Vakharia DD, et al. **Endocrinology** 1990 Aug; 127(2):658–66
Chronic inhibitory effect of follicle-stimulating hormone (FSH)-suppressing protein (FSP) or follistatin on activin- and gonadotropin-releasing hormone-stimulated FSH synthesis and secretion in cultured rat anterior pituitary cells. Wang QF, et al. **Endocrinology** 1990 Sep; 127(3):1385–93
Topographic analysis of the alpha-subunit of human follicle-stimulating hormone using site-specific antipeptide antisera. Weiner RS, et al. **Endocrinology** 1990 Aug; 127(2):573–9
Pathophysiology of pulsatile and copulsatile release of thyroid-stimulating hormone, luteinizing hormone, follicle-stimulating hormone, and alpha-subunit. Samuels MH, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):425–32

FUROSEMIDE

Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Nichol GM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):576–80

FURUNCULOSIS

Preliminary report: furunculosis and hypoferraemia. Weijmer MC, et al. **Lancet** 1990 Aug 25;336(8713):464–6

GABA

Zinc, preeclampsia, and gamma-aminobutyric acid [letter] Brophy MH. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):242–3
Gamma-aminobutyric acid-A and -B receptor antagonists increase luteinizing hormone-releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen-treated rats. Hartman RD, et al. **Endocrinology** 1990 Sep;127(3):1336–45
Brain GABA levels in asymptomatic Huntington's disease [letter] Reynolds GP, et al. **N Engl J Med** 1990 Sep 6; 323(10):682

GAIT

Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Hirokawa S, et al.
Arch Phys Med Rehabil 1990 Aug;71(9):687–94
Electromyographic versus rhythmic positional biofeedback in computerized gait retraining with stroke patients. Mandel AR, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):649–54
Recovery of gait after radiotherapy in paralytic patients with metastatic epidural spinal cord compression.
Helweg-Larsen S, et al. **Neurology** 1990 Aug;40(8):1234–6
Energy cost, exercise intensity, and gait efficiency of standard versus rocker-bottom axillary crutch walking. Nielsen DH, et al. **Phys Ther** 1990 Aug;70(8):487–93

GALACTOSE

Binding of proteolytically-degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Chadee K, et al. **Gut** 1990 Aug; 31(8):890–5

GALACTOSIDASES

Effect of yeast lactase enzyme on "colic" in infants fed human milk. Miller JJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):261–3

GALLBLADDER

Gall bladder function after endoscopic sphincterotomy [letter] **BMJ** 1990 Jun 16;300(6739):1584–5
Choice of incision and pain following gallbladder surgery. Armstrong PJ, et al. **Br J Surg** 1990 Jul;77(7):746–8
Intrinsic nerves affect gallbladder contraction in the guinea pig. Brotschi EA, et al. **Gastroenterology** 1990 Sep; 99(3):826–30
Effects of ursodeoxycholic acid on gallbladder contraction and cholecystokinin release in gallstone patients and normal subjects. van Erpecum KJ, et al. **Gastroenterology** 1990 Sep;99(3):836–42
Cholesterol absorption by the gall bladder. Ross PE, et al.
J Clin Pathol 1990 Jul;43(7):572–5

GALLBLADDER NEOPLASMS

Truncoumbilical bypass of the portal vein in radical resection of biliary tract tumour involving the hepatic duct confluence. Kumada K, et al. **Br J Surg** 1990 Jul; 77(7):749–51
Gallbladder cholesterolosis: an aetiological factor in acute pancreatitis of uncertain origin. Parrilla Paricio P, et al.
Br J Surg 1990 Jul;77(7):735–6
Carcinosarcoma of the gallbladder. A case report with immunohistochemical and ultrastructural studies. Ishihara T, et al. **Cancer** 1990 Sep 1;66(5):992–7
Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930–5

GAMETE INTRAFALLOPIAN TRANSFER

The perurethral technique for ultrasound directed follicle aspiration in an in-vitro fertilization and embryo transfer programme: a report of 636 patient cycles. Booker M, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):499–505
Gamete intrafallopian transfer in women with accessory tubal ostia. Isherwood PJ, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):542–8

GAMMA CAMERAS

Clinical radionuclide bone imaging. Holder LE. **Radiology** 1990 Sep;176(3):607–14 (97 ref.)

GANGLIA, SPINAL

Autologous cervical ganglion transplantation in parkinsonian monkeys [letter] Pallini R, et al. **J Neurosurg** 1990 Sep; 73(3):474–5
Postherpetic neuralgia [editorial] **Lancet** 1990 Sep 1; 336(8714):537–8

GANGLIA, SYMPATHETIC

Latent varicella-zoster viral DNA in human trigeminal and thoracic ganglia. Mahalingam R, et al. **N Engl J Med** 1990 Sep 6;323(10):627–31

GANGLIOSIDES

Homophilic binding of mouse monoclonal antibodies against GD3 ganglioside. Chapman PB, et al. **J Immunol** 1990 Aug 1;145(3):891–8

GAS SCAVENGERS

Contamination of scavenging systems [letter] Gil-Rodriguez J, et al. **Anaesthesia** 1990 Jun;45(6):499–500

GASTRECTOMY

Stapled Billroth I gastrectomy. Griffin SM, et al.
Br J Surg 1990 Jul;77(7):772–3

GASTRIC ACID

Mental stress and gastric acid secretion. Do personality traits influence the response? Holtmann G, et al. **Dig Dis Sci** 1990 Aug;35(8):998–1007
The pathophysiologic role of nocturnal acid secretion in gastric ulcers [letter] Savarino V, et al.
Gastroenterology 1990 Sep;99(3):901–2
Somatostatin monoclonal antibody immunoneutralization increases gastrin and gastric acid secretion in urethane-anesthetized rats. Yang H, et al.
Gastroenterology 1990 Sep;99(3):659–65
Quantitative relation between gastric acid secretion and changes in urinary acid excretion. Johnson CD, et al.
Gut 1990 Aug;31(8):862–6

GASTRIC ACIDITY DETERMINATION

Antimony electrodes. Mucosal potential differences and buffer composition adversely affect pH measurements in the stomach. Opekun AR, et al. **Dig Dis Sci** 1990 Aug; 35(8):950–5

GASTRIC FUNDUS

Prospective evaluation of the effects of Nissen fundoplication on gastroesophageal reflux. Breumelhof R, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):115–9

GASTRIC JUICE

A comparison of the effects of omeprazole and ranitidine on gastric secretion in women undergoing elective caesarean section. Ewart MC, et al. **Anaesthesia** 1990 Jul; 45(7):527–30

Aspirin potentiates prestimulated acid secretion and mobilizes intracellular calcium in rabbit parietal cells. Levine RA, et al. **J Clin Invest** 1990 Aug;86(2):400–8

GASTRIC MUCOSA

Risk of cancer in patients with gastric dysplasia. Follow-up study of 67 patients. Coma del Corral MJ, et al. **Cancer** 1990 May 1;65(9):2078–85

Sulphomucin-secreting intestinal metaplasia in the human gastric mucosa. An association with intestinal-type gastric carcinoma. Matsukuma A, et al. **Cancer** 1990 Aug 15; 66(4):689–94

Distribution of beta-human chorionic gonadotropin-positive cells in noncancerous gastric mucosa and in malignant gastric tumors. Yakeishi Y, et al. **Cancer** 1990 Aug 15; 66(4):695–701

Abstracts of the First International Symposium on Biochemistry of the Gut Mucosa in Health and Disease: From Basic Science to Clinical Perspectives. July 15, 1990, Pécs, Hungary. **Dig Dis Sci** 1990 Aug;35(8):1012–4

Effect of submucosal epinephrine injection on local gastric blood flow. A study using laser Doppler flowmetry and reflectance spectrophotometry. Chung SC, et al. **Dig Dis Sci** 1990 Aug;35(8):1008–11

Nerves and gastric mucosal protection [letter] Holzer P. **Dig Dis Sci** 1990 Aug;35(8):1048–51

Antimony electrodes. Mucosal potential differences and buffer composition adversely affect pH measurements in the stomach. Opekun AR, et al. **Dig Dis Sci** 1990 Aug; 35(8):950–5

Effect of sialoadenectomy on gastric mucosal integrity and growth in the rat. A time-course study. Tepperman BL, et al. **Dig Dis Sci** 1990 Aug;35(8):943–9

Enhanced hyperplasia of gastric enterochromaffinlike cells in response to omeprazole-evoked hypergastrinemia in rats with portacaval shunts. An immunocytochemical and chemical study. Axelson J, et al. **Gastroenterology** 1990 Sep; 99(3):635–40

Release of somatostatin immunoreactivity from human antral D cells in culture. Buchan AM, et al. **Gastroenterology** 1990 Sep;99(3):690–6

Relation between T cell number and epithelial HLA class II expression quantified by image analysis in normal and inflamed human gastric mucosa. Valnes K, et al. **Gut** 1990 Jun;31(6):647–52

Aspirin potentiates prestimulated acid secretion and mobilizes intracellular calcium in rabbit parietal cells. Levine RA, et al. **J Clin Invest** 1990 Aug;86(2):400–8

pH monitoring for 24 hours of gastroesophageal reflux and gastric function after intrathoracic gastroplasty after esophagectomy. Domergue J, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):107–10

Adaptive cytoprotection of gastric surface epithelial cells against injury by physiologic concentrations of bile acid. Dempsey DT, et al. **Surgery** 1990 Aug;108(2):348–54; discussion 354–5

Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione. Stein HJ, et al. **Surgery** 1990 Aug;108(2):467–73; discussion 473–4

GASTRINOMA

Selective arterial stimulation of secretin in localization of gastrinomas. Rosato FE, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):196–200

GASTRINS

Enhanced hyperplasia of gastric enterochromaffinlike cells in response to omeprazole-evoked hypergastrinemia in rats with portacaval shunts. An immunocytochemical and chemical study. Axelson J, et al. **Gastroenterology** 1990 Sep; 99(3):635–40

Effect of long-term treatment with omeprazole on serum gastrin and serum group A and C pepsinogens in patients with reflux esophagitis. Jansen JB, et al. **Gastroenterology** 1990 Sep;99(3):621–8

Somatostatin monoclonal antibody immunoneutralization increases gastrin and gastric acid secretion in urethane-anesthetized rats. Yang H, et al. **Gastroenterology** 1990 Sep;99(3):659–65

Absence of a gastrin inhibitory factor in the IgG fraction of serum from patients with pernicious anaemia. Smith JT, et al. **Gut** 1990 Aug;31(8):871–4

Expression and localization of gastrin messenger RNA and peptide in spermatogenic cells. Schalling M, et al. **J Clin Invest** 1990 Aug;86(2):660–9

GASTRITIS

Helicobacter pylori-related gastroduodenal disease in children. Diagnostic utility of enzyme-linked immunosorbent assay. Glassman MS, et al. **Dig Dis Sci** 1990 Aug;35(8):993–7

Helicobacter pylori and gastritis in patients with peptic ulcer and non-ulcer dyspepsia: ethnic differences in Singapore. Kang JY, et al. **Gut** 1990 Aug;31(8):850–3

Relation between T cell number and epithelial HLA class II expression quantified by image analysis in normal and inflamed human gastric mucosa. Valnes K, et al. **Gut** 1990 Jun;31(6):647–52

Large gastric folds. Khan TJ, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):111–4

Mixed gastric infection by Gastrospirillum hominis and Helicobacter pylori [letter] Queiroz DM, et al. **Lancet** 1990 Aug 25;336(8713):507–8

GASTROENTERITIS

Admission to hospital with gastroenteritis. Conway SP, et al. **Arch Dis Child** 1990 Jun;65(6):579–84

Serotypes and electropherotypes of human rotavirus in the USA: 1987–1989. Gouvea V, et al. **J Infect Dis** 1990 Aug; 162(2):362–7

Occurrence of Norwalk virus infections among adults in Mexico. Johnson PC, et al. **J Infect Dis** 1990 Aug; 162(2):389–93

Impact of rotavirus infection at a large pediatric hospital. Matson DO, et al. **J Infect Dis** 1990 Sep;162(3):598–604

Serotype variation of human group A rotaviruses in two regions of the USA. Matson DO, et al. **J Infect Dis** 1990 Sep;162(3):605–14

GASTROESOPHAGEAL REFLUX

Gastroesophageal reflux as a pathogenic factor in the development of symptomatic lower esophageal rings. Marshall JB, et al. **Arch Intern Med** 1990 Aug; 150(8):1669–72

Antireflux surgery. Taylor TV, et al. **BMJ** 1990 Jun 23; 300(6740):1603–4 (19 ref.)

Peristaltic dysfunction associated with nonobstructive dysphagia in reflux disease. Jacob P, et al. **Dig Dis Sci** 1990 Aug;35(8):939–42

Ambulatory 24-hr pH monitoring of esophagus, fundus, and antrum. A new technique for simultaneous study of gastroesophageal and duodenogastric reflux. Mattioli S, et al. **Dig Dis Sci** 1990 Aug;35(8):929–38

Most asthmatics have gastroesophageal reflux with or without bronchodilator therapy. Sontag SJ, et al. **Gastroenterology** 1990 Sep;99(3):613–20

Reflux patterns and related oesophageal motor activity in gastro-oesophageal reflux disease. Kruse-Andersen S, et al. **Gut** 1990 Jun;31(6):633–8

Prone positioning in infant gastroesophageal reflux: is elevation of the head worth the trouble? Orenstein SR. **J Pediatr** 1990 Aug;117(2 Pt 1):184–7

Reflux and respiratory symptoms. **Lancet** 1990 Aug 4; 336(8710):282–3 (21 ref.)

Prospective evaluation of the effects of Nissen fundoplication on gastroesophageal reflux. Breumelhof R, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):115–9

pH monitoring for 24 hours of gastroesophageal reflux and gastric function after intrathoracic gastroplasty after esophagectomy. Domergue J, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):107–10

GASTROINTESTINAL CONTENTS

Systemic factors and luminal contents in gut adaptation [letter] Banerjee AK. **Gut** 1990 Aug;31(8):959

GASTROINTESTINAL DISEASES

Paragordius varius. Smith DR, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):981–3

Acute upper gastrointestinal graft-versus-host disease: clinical significance and response to immunosuppressive therapy. Weisdorf DJ, et al. **Blood** 1990 Aug 1;76(3):624–9

Abstracts of the Second International Symposium on Neurobiology of the Brain-Gut Axis: From Basic Science to Clinical Perspectives. July 13–14, 1990, Pécs, Hungary. **Dig Dis Sci** 1990 Aug;35(8):1015–24

Helicobacter pylori: bridging the credibility gap. McKinlay AW, et al. **Gut** 1990 Aug;31(8):940–5 (91 ref.)

Lasers in gastroenterology. Ragan JA. **Nurs Clin North Am** 1990 Sep;25(3):685–96 (10 ref.)

GASTROINTESTINAL HEMORRHAGE

The effect of desmopressin on massive gastrointestinal bleeding in hereditary telangiectasia unresponsive to treatment with cryoprecipitate. Quitt M, et al. **Arch Intern Med** 1990 Aug;150(8):1744–6

Massive haemorrhage following endoscopic transgastric drainage of pancreatic pseudocyst. Donnelly PK, et al. **Br J Surg** 1990 Jul;77(7):758–9

Cimetidine reduces running-associated gastrointestinal bleeding. A prospective observation. Baska RS, et al. **Dig Dis Sci** 1990 Aug;35(8):956–60

beta-blockers and variceal haemorrhage [letter] Poynard T, et al. **Lancet** 1990 Aug 25;336(8713):506

Ileal hemorrhage caused by a parasitic uterine leiomyoma. Rader JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):531–4

GASTROINTESTINAL MOTILITY

Effects of highly selective vagotomy on gastric myoelectrical activity. An electrogastrographic study. Geldof H, et al. **Dig Dis Sci** 1990 Aug;35(8):969–75

Gastric dysrhythmias and nausea of pregnancy. Koch KL, et al. **Dig Dis Sci** 1990 Aug;35(8):961–8

Possible mechanisms involved in gastric hypermotility caused by indomethacin in the rat. Role of glycoprivic response. Takeuchi K, et al. **Dig Dis Sci** 1990 Aug;35(8):984–92

Development of motilin receptors and of motilin- and erythromycin-induced contractility in rabbits. Depoortere I, et al. **Gastroenterology** 1990 Sep;99(3):652–8

Selective stimulation of colonic motor response to a meal by sigma ligands in dogs. Junien JL, et al. **Gastroenterology** 1990 Sep;99(3):684–9

Altered motility and bacterial flora after functional end-to-end anastomosis. Hocking MP, et al. **Surgery** 1990 Aug;108(2):384–91; discussion 391–2

GASTROINTESTINAL NEOPLASMS

Gastrointestinal lymphoma. A case for primary surgical resection. Talamonti MS, et al. **Arch Surg** 1990 Aug; 125(8):972–6; discussion 976–7

Molecular genetics of gastrointestinal non-Hodgkin's lymphomas: unusual prevalence and pattern of c-myc rearrangements in aggressive lymphomas. van Krieken JH, et al. **Blood** 1990 Aug 15;76(4):797–800

GASTROINTESTINAL SYSTEM

Abstracts of the Second International Symposium on Neurobiology of the Brain-Gut Axis: From Basic Science to Clinical Perspectives. July 13–14, 1990, Pécs, Hungary. **Dig Dis Sci** 1990 Aug;35(8):1015–24

Swallowed button batteries: is there a consensus on management? Studley JG, et al. **Gut** 1990 Aug;31(8):867–70

Differential acceleration of healing of surgical incisions in the rabbit gastrointestinal tract by platelet-derived growth factor and transforming growth factor, type beta. Mustoe TA, et al. **Surgery** 1990 Aug;108(2):324–9; discussion 329–30

GASTROINTESTINAL TRANSIT

Small intestinal permeability and orocaecal transit time in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jun; 65(6):585–8

Delayed stomach to caecum transit time in the diabetic rat. Possible role of hyperglucagonaemia. Chesta J, et al. **Gut** 1990 Jun;31(6):660–2

GASTROPLASTY

pH monitoring for 24 hours of gastroesophageal reflux and gastric function after intrathoracic gastroplasty after esophagectomy. Domergue J, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):107–10

GASTROSTOMY

Temporary gastrostomy tubes in major gynecologic surgery. Wiedemann MA, et al. **South Med J** 1990 Aug;83(8):893–4

GAUCHER'S DISEASE

Misuse of marrow examination in the diagnosis of Gaucher disease. Beutler E, et al. **Blood** 1990 Aug 1;76(3):646–8

From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Sep 12;264(10):1239

GELATIN

Differential marking of excision planes in screened breast lesions by organically coloured gelatins. Armstrong JS, et al. **J Clin Pathol** 1990 Jul;43(7):604–7

GENE AMPLIFICATION

Detection of the hemoglobin E mutation using the color complementation assay: application to complex genotyping. Embury SH, et al. **Blood** 1990 Aug 1;76(3):619–23

Human immunodeficiency virus DNA amplification and serology in blood donors. Perrin LH, et al. **Blood** 1990 Aug 1;76(3):641–5

N-myc oncogene and stage IV-S neuroblastoma. Preliminary observations on ten cases. Nakagawara A, et al. **Cancer** 1990 May 1;65(9):1960–7 (39 ref.)

Rapid assessment of haemophilia A carrier state by non-invasive techniques using the polymerase chain reaction. Ball J, et al. **J Clin Pathol** 1990 Jun;43(6):505–7

Tissue extraction of DNA and RNA and analysis by the polymerase chain reaction. Jackson DP, et al. **J Clin Pathol** 1990 Jun;43(6):499–504

Concordance of polymerase chain reaction with human immunodeficiency virus antibody detection. Horsburgh CR Jr, et al. **J Infect Dis** 1990 Aug;162(2):542–5

Detection of Pneumocystis carinii with DNA amplification.

Wakefield AE, et al. **Lancet** 1990 Aug 25;336(8713):451-3
Retroviruses and multiple sclerosis. II. Failure of gene amplification techniques to detect viral sequences unique to the disease. Dekaban GA, et al. **Neurology** 1990 Aug; 40(8):1254-8

GENE EXPRESSION

Psychological stress-induced modulation of interleukin 2 receptor gene expression and interleukin 2 production in peripheral blood leukocytes. Glaser R, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):707-12
Importance of imparied insulin-gene expression in occurrence of diabetes in obese rats. Koh G, et al. **Diabetes** 1990 Sep;39(9):1050-6
Stimulation of calbindin-D9K (CaBP9K) gene expression by calcium and 1,25-dihydroxycholecalciferol in fetal rat duodenal organ culture. Brehier A, et al. **Endocrinology** 1990 Aug;127(2):580-7
The functional expression of recombinant human thyrotropin receptors in nonthyroidal eukaryotic cells provides evidence that homologous desensitization to thyrotropin stimulation requires a cell-specific factor. Chazenbalk GD, et al. **Endocrinology** 1990 Sep;127(3):1240-4
Expression of atypical and classical insulin receptors in Chinese hamster ovary cells transfected with cloned cDNA for the human insulin receptor. Jonas HA, et al. **Endocrinology** 1990 Sep;127(3):1301-9
Expression of neural 5 alpha-reductase messenger ribonucleic acid: comparison to 5 alpha-reductase activity during prenatal development in the rat. Lephart ED, et al. **Endocrinology** 1990 Sep;127(3):1121-8
11 beta-hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Moisan MP, et al. **Endocrinology** 1990 Sep;127(3):1450-5
Strain-specific determination of the degree of thyroid cell MHC class II antigen expression: evaluation of established Wistar and Fisher rat thyroid cell lines. Neufeld DS, et al. **Endocrinology** 1990 Sep;127(3):1254-9
The insulin-like growth factor I (IGF-I) gene is expressed in chick embryos during early organogenesis. Serrano J, et al. **Endocrinology** 1990 Sep;127(3):1547-9
Growth hormone-releasing hormone messenger ribonucleic acid in the hypothalamus of the adult male rat is increased by testosterone. Zeitler P, et al. **Endocrinology** 1990 Sep; 127(3):1362-8
IL-2 enhances c-fms expression in human monocytes. Espinoza-Delgado I, et al. **J Immunol** 1990 Aug 15; 145(4):1137-43
Identification and expression of the Tla region gene T11b and its Qa-like product. Oudshoorn-Snoek M, et al. **J Immunol** 1990 Aug 15;145(4):1270-7
IL-2 and IL-6 synergize to augment the pore-forming protein gene expression and cytotoxic potential of human peripheral blood T cells. Smyth MJ, et al. **J Immunol** 1990 Aug 15;145(4):1159-66
Diagnosis at the bedside by gene analysis. Phillips JA 3d. **South Med J** 1990 Aug;83(8):868-75 (15 ref.)

GENE EXPRESSION REGULATION

Prostaglandins regulate surfactant protein A (SP-A) gene expression in human fetal lung in vitro. Acarregui MJ, et al. **Endocrinology** 1990 Sep;127(3):1105-13
Ontogeny and pituitary regulation of testicular growth hormone-releasing hormone-like messenger ribonucleic acid. Berry SA, et al. **Endocrinology** 1990 Sep; 127(3):1404-11
Regulation and adaptation at the molecular level [editorial] Cheeseman C. **Endocrinology** 1990 Aug;127(2):511-2 (6 ref.)
Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Dalkin AC, et al. **Endocrinology** 1990 Aug;127(2):798-806
The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Krummen LA, et al. **Endocrinology** 1990 Sep;127(3):1097-104
The regulation of neuropeptide expression in rat anterior pituitary following chronic manipulation of estrogen status: a comparison between substance P, neuropeptide Y, neurotensin, and vasoactive intestinal peptide. O'Halloran DJ, et al. **Endocrinology** 1990 Sep;127(3):1463-9
Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352-61
Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144-52
Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Turner RT, et al. **Endocrinology** 1990 Sep; 127(3):1346-51
Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Van LP, et al. **Endocrinology** 1990 Sep;127(3):1412-8
Ileal glucagon gene expression: ontogeny and response to massive small bowel resection. Taylor RG, et al. **Gastroenterology** 1990 Sep;99(3):724-9
Post-transcriptional regulation of granulocyte-macrophage colony-stimulating factor synthesis in murine T cells. Bickel M, et al. **J Immunol** 1990 Aug 1;145(3):840-5
Regulation of tumor necrosis factor gene expression and protein synthesis in murine macrophages treated with recombinant tumor necrosis factor. Descoteaux A, et al. **J Immunol** 1990 Aug 1;145(3):846-53
Multiple nuclear factors interact with sequences within the J beta 2-C beta 2 intron of the murine T cell receptor beta-chain gene. Mauxion F, et al. **J Immunol** 1990 Sep 1;145(5):1577-82
Gene expression in normal and doxorubicin-impaired wounds: importance of transforming growth factor-beta. Salomon GD, et al. **Surgery** 1990 Aug;108(2):318-22; discussion 322-3

GENE EXPRESSION REGULATION, ENZYMOLOGIC

Definition of the complete Schistosoma mansoni hemoglobinase mRNA sequence and gene expression in developing parasites. el Meanawy MA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):67-78

GENE FREQUENCY

Pre-eclampsia and HLA-DR4 [letter] Wilton AN, et al. **Lancet** 1990 Aug 4;336(8710):323

GENE REARRANGEMENT, B-LYMPHOCYTE, HEAVY CHAIN

The in vivo generation of murine IgD-secreting cells is accompanied by deletion of the C mu gene and occasional deletion of the gene for the C delta 1 domain. Mountz JD, et al. **J Immunol** 1990 Sep 1;145(5):1583-91
High frequency expression of S107 VH genes by peritoneal B cells of B10.H-2aH-4bP/WTS mice. Pennell CA, et al. **J Immunol** 1990 Sep 1;145(5):1592-7

GENE REARRANGEMENT, T-LYMPHOCYTE

Clonality of T cell and phenotypically undefined lymphoid neoplasms: the value of genotypic analyses. Hodges E, et al. **J Clin Pathol** 1990 Jul;43(7):548-53
T cell receptor delta-gene expression and diversity in the mouse spleen. Ezquerra A, et al. **J Immunol** 1990 Sep 1; 145(5):1311-7

GENE THERAPY

Gene therapy could begin next month [news] Marwick C. **JAMA** 1990 Sep 5;264(9):1084
Gene transfer into humans: a first step [editorial: comment] Cournoyer D, et al. **N Engl J Med** 1990 Aug 30; 323(9):601-3. Comment on: N Engl J Med 1990 Aug 30;323(9):570-8.
Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. **N Engl J Med** 1990 Aug 30; 323(9):570-8. Comment in: N Engl J Med 1990 Aug 30;323(9):601-3.

GENES

HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. **Arthritis Rheum** 1990 Aug;33(8):1240-8 (55 ref.)

GENES, IMMUNE RESPONSE

HLA region genes and immune activation in the pathogenesis of psoriasis [comment] Gottlieb AB, et al. **Arch Dermatol** 1990 Aug;126(8):1083-6 (42 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1040-2.

GENES, IMMUNOGLOBULIN

The in vivo generation of murine IgD-secreting cells is accompanied by deletion of the C mu gene and occasional deletion of the gene for the C delta 1 domain. Mountz JD, et al. **J Immunol** 1990 Sep 1;145(5):1583-91
Identification of a new V kappa gene family that is highly expressed in hybridomas from an autoimmune mouse strain. Shefner R, et al. **J Immunol** 1990 Sep 1;145(5):1609-14

GENES, REITERATED

Genotyping of poor metabolisers of debrisoquine by allele-specific PCR amplification. Heim M, et al. **Lancet** 1990 Sep 1;336(8714):529-32

GENES, VIRAL

Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. **N Engl J Med** 1990 Aug 30; 323(9):570-8. Comment in: N Engl J Med 1990 Aug 30;323(9):601-3.

GENETIC ENGINEERING

How sperm commence movement and their isolation for in vitro fertilization and sex selection [letter] Shettles LB. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270

GENETIC SCREENING

Application of intragenic DNA probes in prenatal screening for retinoblastoma gene carriers in the United Kingdom. Onadim ZO, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):651-6

GENETICS, MEDICAL

The impact of genetics and biotechnology on medicine. Fifth President's Symposium of the 83rd annual scientific assembly of the Southern Medical Association. Washington, D.C., Nov 5-8, 1989. Proceedings. **South Med J** 1990 Aug;83(8):867-82

GENITAL DISEASES, FEMALE

Amphotericin B in urological practice. Wise GJ. **J Urol** 1990 Aug;144(2 Pt 1):215-23 (117 ref.)
Lasers in gynecology. Edwards J. **Nurs Clin North Am** 1990 Sep;25(3):673-84 (1 ref.)

GENITAL DISEASES, MALE

Amphotericin B in urological practice. Wise GJ. **J Urol** 1990 Aug;144(2 Pt 1):215-23 (117 ref.)

GENITAL NEOPLASMS, FEMALE

Papillary cystadenoma of the broad ligament in von Hippel-Lindau disease. Korn WT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):596-8
Genital human papillomavirus infection in adolescents. Biro FM, et al. **Med Clin North Am** 1990 Sep;74(5):1235-49 (118 ref.)

GENITAL NEOPLASMS, MALE

Paraganglioma of the spermatic cord. Report of a case with immunohistochemical and ultrastructural studies. Bacchi CE, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):899-901
A case of fibrous hamartoma of infancy in the scrotum including immunohistochemical findings. Groisman G, et al. **J Urol** 1990 Aug;144(2 Pt 1):340-1 (9 ref.)
Genital tumors among men with psoriasis exposed to PUVA [letter] McGarry GW. **N Engl J Med** 1990 Sep 6; 323(10):684-5

GENITALIA

Prevalence and sequelae of sexual torture. Lunde I, et al. **Lancet** 1990 Aug 4;336(8710):289-91

GENITALIA, FEMALE

Immunohistochemical localization of prostaglandin H synthase in the female reproductive tract and endometriosis. Van Voorhis BJ, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):57-62
Genital findings in prepubertal girls selected for nonabuse: a descriptive study. McCann J, et al. **Pediatrics** 1990 Sep; 86(3):428-39
Temporary gastrostomy tubes in major gynecologic surgery. Wiedemann MA, et al. **South Med J** 1990 Aug;83(8):893-4

GENOME, HUMAN

The mapping and sequencing of the human genome. Antonarakis SE. **South Med J** 1990 Aug;83(8):876-8
Social and ethical implications of advances in human genetics. Cook-Deegan RM. **South Med J** 1990 Aug;83(8):879-82

GENOMIC LIBRARY

Total genomic DNA probe to detect Giardia lamblia [letter] Lewis DJ, et al. **Lancet** 1990 Jul 28;336(8709):257

GENTAMICINS

Cefotetan and the lack of associated bleeding [letter] Martens M, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):251-2

GERIATRIC ASSESSMENT

Screening the elderly. Freer CB. **BMJ** 1990 Jun 2; 300(6737):1447-8

GERIATRICS

Teaching the multidisciplinary team approach in a geriatrics miniresidency. Jackson JE, et al. **Acad Med** 1990 Jun; 65(6):417-9
Geriatrics in residency programs. Reuben DB, et al.

Acad Med 1990 Jun;65(6):382-7
Conversation with ... David Lowenthal, MD, PhD: practical approaches to geriatric exercise [interview by Richard L. Peck] Lowenthal D. **Geriatrics** 1990 Aug;45(8):76, 81-2

GIANT CELL TUMORS

Giant-cell tumor of the spine. A case report. Biagini R, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1102-7
Giant cell tumours of the proximal fibula. Farooque M, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):723-4

GIANT CELLS

Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. Moore JW, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):808-12

GIANT LYMPH NODE HYPERPLASIA

Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Feigert JM, et al. **Ann Intern Med** 1990 Sep 1;113(5):362-7
Dysregulated interleukin 6 expression produces a syndrome resembling Castleman's disease in mice. Brandt SJ, et al. **J Clin Invest** 1990 Aug;86(2):592-9

GIARDIA

Total genomic DNA probe to detect Giardia lamblia [letter] Lewis DJ, et al. **Lancet** 1990 Jul 28;336(8709):257

GINGIVAL DISEASES

Cervical necrotizing fasciitis: an uncommon sequela to dental infection. Moss RM, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):643-6

GINGIVAL NEOPLASMS

Gingival granular cell tumors of the newborn. An ultrastructural and immunohistochemical study. Tucker MC, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):895-8

GLAUCOMA

Disopyramide: pulmonary complications and glaucoma [letter] Ahmad S. **Mayo Clin Proc** 1990 Jul;65(7):1030-1

GLAUCOMA, ANGLE-CLOSURE

Biometric variables in patients with occludable anterior chamber angles. Panek WC, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):185-8

GLAUCOMA, OPEN-ANGLE

A double-masked three-month comparison between 0.25% betaxolol suspension and 0.5% betaxolol ophthalmic solution. Weinreb RN, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):189-92
Ab interno laser sclerostomy in aphakic patients with glaucoma and chronic inflammation. Wilson RP, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):178-84
The effect of adding prostaglandin F2 alpha-isopropylester to timolol in patients with open angle glaucoma. Villumsen J, et al. **Arch Ophthalmol** 1990 Aug;108(8):1102-5

GLIBENCLAMIDE

Glyburide: new insights into its effects on the beta cell and beyond. Proceedings of a symposium. **Am J Med** 1990 Aug 20;89(2A):1S-52S
Molecular mechanisms of action of glyburide on the beta cell. Boyd AE 3d, et al. **Am J Med** 1990 Aug 20; 89(2A):3S-10S; discussion 51S-53S (36 ref.)
Effects of glyburide on carbohydrate metabolism and insulin action in the liver. Caro JF. **Am J Med** 1990 Aug 20; 89(2A):17S-25S; discussion 51S-53S (59 ref.)
Glyburide: new insights into its effects on the beta cell and beyond--introduction. Gavin JR 3d. **Am J Med** 1990 Aug 20;89(2A):1S-2S
Effect of glyburide on hepatic glucose metabolism. McGuinness OP; discussion 51S-53S, et al. **Am J Med** 1990 Aug 20;89(2A):26S-37S (58 ref.)
Effect of glyburide on beta cell responsiveness to glucose in non-insulin-dependent diabetes mellitus. O'Meara NM, et al. **Am J Med** 1990 Aug 20;89(2A):11S-16S; discussion 51S-53S (39 ref.)
Effects of glyburide on in vivo insulin-mediated glucose disposal. Simonson DC. **Am J Med** 1990 Aug 20; 89(2A):44S-50S; discussion 51S-53S

GLIOBLASTOMA MULTIFORME

The role of surgery in the management of supratentorial intermediate and high-grade astrocytomas in adults. Nazzaro JM, et al. **J Neurosurg** 1990 Sep;73(3):331-44 (184 ref.)

GLIOMA

Sex steroid receptors in intracranial tumors. Romić Stojković R, et al. **Cancer** 1990 May 1;65(9):1968-70
Antiproliferative effect of trapidil, a platelet-derived growth factor antagonist, on a glioma cell line in vitro. Kuratsu J, et al. **J Neurosurg** 1990 Sep;73(3):436-40
Diffusely infiltrating brainstem gliomas: a report of the diagnostic difficulties in 2 cases. Wilson WB, et al. **Neurology** 1990 Aug;40(8):1237-41
Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791-9

GLOMERULAR FILTRATION RATE

Monitoring renal function in children with urological abnormalities. Chandhoke PS, et al. **J Urol** 1990 Aug;144(2 Pt 2):601-5; discussion 606

GLOMERULONEPHRITIS

Elevated expression of transforming growth factor-beta and proteoglycan production in experimental glomerulonephritis. Possible role in expansion of the mesangial extracellular matrix. Okuda S, et al. **J Clin Invest** 1990 Aug;86(2):453-62
Incidence of thin membrane nephropathy: morphometric investigation of a population sample. Dische FE, et al. **J Clin Pathol** 1990 Jun;43(6):457-60
Light and electron microscopic demonstration of immune deposits in renal tissue [letter] McKinnon AD, et al. **J Clin Pathol** 1990 Jun;43(6):520
Mechanisms underlying the anti-inflammatory effects of essential fatty acid deficiency in experimental glomerulonephritis. Inhibited release of a monocyte chemoattractant by glomeruli. Rovin BH, et al. **J Immunol** 1990 Aug 15;145(4):1238-45
Anti-glomerular basement membrane disease after renal obstruction [letter] Weber M, et al. **Lancet** 1990 Aug 25; 336(8713):512-3
Hepatitis-B-associated glomerulonephritis: pathology, pathogenesis, and clinical course. Venkataseshan VS, et al. **Medicine (Baltimore)** 1990 Jul;69(4):200-16

GLOMERULONEPHRITIS, IGA

A retrospective analysis of the natural history of primary IgA nephropathy worldwide. Schena FP. **Am J Med** 1990 Aug;89(2):209-15 (81 ref.)

GLOTTIS

Does continuous positive airway pressure compensate for loss of glottic function during tracheal intubation? Smith RA, et al. **Crit Care Med** 1990 Aug;18(8):848-50

GLOVES, SURGICAL

Risks of blood exposure to the cardiac surgical team. Pate JW. **Ann Thorac Surg** 1990 Aug;50(2):248-50
AIDS threat leads to changes in production of gloves, needles [news] **Can Med Assoc J** 1990 Aug 1;143(3):204

GLUCAGON

Successful treatment of hypoglycemia using glucagon in a patient with an extrapancreatic tumor. Samaan NA, et al. **Ann Intern Med** 1990 Sep 1;113(5):404-6
Influence of glucagon on protein and leucine metabolism: a study in fasting man with induced insulin resistance. Pacy PJ, et al. **Br J Surg** 1990 Jul;77(7):791-4
Effects of amino acids on glucose disposal. Boden G, et al. **Diabetes** 1990 Sep;39(9):1079-84
Inhibition of insulin and somatostatin secretion and stimulation of glucagon release by homologous galanin in perfused rat pancreas. Miralles P, et al. **Diabetes** 1990 Aug; 39(8):996-1001
Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Niimi S, et al. **Endocrinology** 1990 Aug;127(2):688-94
Glucagon inhibits insulin activation of glucose transport in rat adipocytes mainly through a postbinding process. Sato N, et al. **Endocrinology** 1990 Sep;127(3):1072-7
Ileal glucagon gene expression: ontogeny and response to massive small bowel resection. Taylor RG, et al. **Gastroenterology** 1990 Sep;99(3):724-9
Delayed stomach to caecum transit time in the diabetic rat. Possible role of hyperglucagonaemia. Chesta J, et al. **Gut** 1990 Jun;31(6):660-2

GLUCANS

Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans. Czop JK, et al. **J Immunol** 1990 Aug 1; 145(3):995-1001

GLUCOCORTICOIDS

Steroid-related osteonecrosis of the knee. Two case reports and a literature review. Kelman GJ, et al. **Clin Orthop** 1990 Aug;(257):171-6 (17 ref.)
Mental status changes in children receiving glucocorticoids. Review of the literature. Satel SL. **Clin Pediatr (Phila)** 1990 Jul;29(7):383-8 (49 ref.)
Glucocorticoids suppress levels of immunoreactive bradykinin in inflamed tissue as evaluated by microdialysis probes. Hargreaves KM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):168-78
Enhancement of electrogenic Na+ transport across rat inner medullary collecting duct by glucocorticoid and by mineralocorticoid hormones. Husted RF, et al. **J Clin Invest** 1990 Aug;86(2):498-506

GLUCOCORTICOIDS, SYNTHETIC

Maternal glucocorticoid therapy and reduced risk of bronchopulmonary dysplasia. Van Marter LJ, et al. **Pediatrics** 1990 Sep;86(3):331-6

GLUCOCORTICOIDS, TOPICAL

The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581-6
A dose-ranging study of fluticasone propionate aqueous nasal spray for seasonal allergic rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. Meltzer EO, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):221-30

GLUCONATES

Efficacy of ketoconazole against Leishmania braziliensis panamensis cutaneous leishmaniasis. Saenz RE, et al. **Am J Med** 1990 Aug;89(2):147-55

GLUCONEOGENESIS

Failure of substrate-induced gluconeogenesis to increase overall glucose appearance in normal humans. Demonstration of hepatic autoregulation without a change in plasma glucose concentration. Jenssen T, et al. **J Clin Invest** 1990 Aug;86(2):489-97

GLUCOSE

Metabolic response to glucose ingested with various amounts of protein. Westphal SA, et al. **Am J Clin Nutr** 1990 Aug; 52(2):267-72
Effect of glyburide on hepatic glucose metabolism. McGuinness OP; discussion 51S-53S, et al. **Am J Med** 1990 Aug 20;89(2A):26S-37S (58 ref.)
Effect of glyburide on beta cell responsiveness to glucose in non-insulin-dependent diabetes mellitus. O'Meara NM, et al. **Am J Med** 1990 Aug 20;89(2A):11S-16S; discussion 51S-53S (39 ref.)
Effects of glyburide on in vivo insulin-mediated glucose disposal. Simonson DC. **Am J Med** 1990 Aug 20; 89(2A):44S-50S; discussion 51S-53S
Effects of the sulfonylureas on muscle glucose homeostasis. Smith RJ. **Am J Med** 1990 Aug 20;89(2A):38S-43S; discussion 51S-53S (40 ref.)
The effects of transient hyperglycemia on brain glucose in rats anesthetized with halothane. Weglinski MR, et al. **Anesthesiology** 1990 Aug;73(2):291-6
Glucose polymer regimens and hypernatraemia. Verber IG, et al. **Arch Dis Child** 1990 Jun;65(6):627-8
Effects of amino acids on glucose disposal. Boden G, et al. **Diabetes** 1990 Sep;39(9):1079-84
Elicitation of sorbitol accumulation in cultured human proximal tubule cells by elevated glucose concentrations. Bylander JE, et al. **Diabetes** 1990 Aug;39(8):949-54
IGF-I--stimulated glucose transport in human skeletal muscle and IGF-I resistance in obesity and NIDDM. Dohm GL, et al. **Diabetes** 1990 Sep;39(9):1028-32
Kinetics of insulin-mediated and non-insulin-mediated glucose uptake in humans. Edelman SV, et al. **Diabetes** 1990 Aug;39(8):955-64
Effect of insulin on glucose utilization in epitrochlearis muscle of rats with streptozocin-induced NIDDM. Karl IE, et al. **Diabetes** 1990 Sep;39(9):1106-15
Kinetics of in vivo muscle insulin-mediated glucose uptake in human obesity. Laakso M, et al. **Diabetes** 1990 Aug; 39(8):965-74
Downregulation of blood-brain barrier glucose transporter in experimental diabetes. Pardridge WM, et al. **Diabetes** 1990 Sep;39(9):1040-4
Equivalent in vivo biological activity of insulin analogues and human insulin despite different in vitro potencies. Ribel U, et al. **Diabetes** 1990 Sep;39(9):1033-9
Possible mechanisms involved in gastric hypermotility caused by indomethacin in the rat. Role of glycoprivic response. Takeuchi K, et al. **Dig Dis Sci** 1990 Aug;35(8):984-92
Corticosterone, but not glucose, treatment enables fasted adrenalectomized rats to survive moderate hemorrhage. Darlington DN, et al. **Endocrinology** 1990 Aug; 127(2):766-72

GLUCOSE TOLERANCE TEST

Population-based study of impaired glucose tolerance and type II diabetes in Wadena, Minnesota. French LR, et al. **Diabetes** 1990 Sep;39(9):1131-7

GLUCOSEPHOSPHATE DEHYDROGENASE

A glucose-6-phosphate dehydrogenase stain for frozen human skeletal muscle biopsy specimens. A sensitive indicator of fiber degeneration. Fishbein TM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):840-4

GLUTAMATES

Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Lazar HL, et al. **Surgery** 1990 Aug;108(2):423-9; discussion 429-30

GLUTAMINE

Oral glutamine accelerates healing of the small intestine and improves outcome after whole abdominal radiation. Klimberg VS, et al. **Arch Surg** 1990 Aug;125(8):1040-5

Does glutamine contribute to immunosuppression after major burns? Parry-Billings M, et al. **Lancet** 1990 Sep 1; 336(8714):523-5

Mechanism of protection of oxidant-injured endothelial cells by glutamine. Hinshaw DB, et al. **Surgery** 1990 Aug; 108(2):298-304; discussion 304-5

Effects of glucocorticoids on lung glutamine and alanine metabolism. Souba WW, et al. **Surgery** 1990 Aug; 108(2):213-8; discussion 218-9

GLUTARATES

Glucose polymer regimens and hypernatraemia. Verber IG, et al. **Arch Dis Child** 1990 Jun;65(6):627-8

GLUTATHIONE

Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione. Stein HJ, et al. **Surgery** 1990 Aug;108(2):467-73; discussion 473-4

GLUTATHIONE TRANSFERASES

Glutathione-S-transferase activity in human superficial transitional cell carcinoma of the bladder. Comparison with healthy controls. Lafuente A, et al. **Cancer** 1990 May 1; 65(9):2064-8

Glutathione S-transferases in alcoholic liver disease. Harrison DJ, et al. **Gut** 1990 Aug;31(8):909-12

GLUTEN

Rectal gluten challenge and diagnosis of coeliac disease [letter] deSousa JS. **Lancet** 1990 Aug 4;336(8710):323

Rectal gluten challenge and diagnosis of coeliac disease [letter] Loft DE, et al. **Lancet** 1990 Sep 1;336(8714):570

GLYCERYL TRINITRATE

Sustained beneficial effect of a seventy-two hour intravenous infusion of nitroglycerin in patients with severe chronic congestive heart failure. Dupuis J, et al. **Am Heart J** 1990 Sep;120(3):625-37

Significance of collateral circulation in reversible left ventricular asynergy by nitroglycerin in patients with relatively recent myocardial infarction. Fujita M, et al. **Am Heart J** 1990 Sep;120(3):521-8

Buccal nitroglycerin decreases ischemic pain during coronary angioplasty: a double-blind, randomized, placebo-controlled study. Johansson SR, et al. **Am Heart J** 1990 Aug;120(2):275-81

Intravenous infusions of nitroprusside, dobutamine, and nitroglycerin are compatible [see comments] Horrow JC, et al. **Crit Care Med** 1990 Aug;18(8):858-61. Comment in: Crit Care Med 1990 Aug;18(8):896.

GLYCINE

Sonographic and pathological features of callosal hypoplasia in non-ketotic hyperglycinaemia. Wariyar UK, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):670-1

Visual disturbances, serum glycine levels and transurethral resection of the prostate. Mizutani AR, et al. **J Urol** 1990 Sep;144(3):697-9

GLYCOCHOLIC ACID

Increase of plasma nonesterified fatty acid concentration and decrease of albumin binding affinity after intravenous injection of glycocholate-lecithin mixed micelles. Guentert TW, et al. **J Lab Clin Med** 1990 Jul;116(1):66-75

GLYCOGEN

Nonmucinous, glycogen-poor cystadenocarcinoma of the pancreas. Friedman HD. **Arch Pathol Lab Med** 1990 Aug; 114(8):888-91

GLYCOGEN STORAGE DISEASE TYPE I

Amelioration of proximal renal tubular dysfunction in type I glycogen storage disease with dietary therapy. Chen YT, et al. **N Engl J Med** 1990 Aug 30;323(9):590-3

GLYCOLIPIDS

Serum immunoglobulins to endotoxin core glycolipid: acute leukaemia and other cancers. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):771-3

Serum immunoglobulins to endotoxin core glycolipid: establishment of normal concentrations. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):768-70

GLYCOPROTEIN HORMONES, ALPHA SUBUNIT

Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352-61

Topographic analysis of the alpha-subunit of human follicle-stimulating hormone using site-specific antipeptide antisera. Weiner RS, et al. **Endocrinology** 1990 Aug; 127(2):573-9

Pathophysiology of pulsatile and copulsatile release of thyroid-stimulating hormone, luteinizing hormone, follicle-stimulating hormone, and alpha-subunit. Samuels MH, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):425-32

GLYCOPROTEINS

Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Naz RK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):610-3

Epithelial cells from normal human endometrium express a tumor-associated glycoprotein (TAG-72) epitope in vitro. Osteen KG, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):479-84

Antibody response to the 43 kDa glycoprotein of Paracoccidioides brasiliensis as a marker for the evaluation of patients under treatment. Giannini MJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):200-6

Glycoprotein specificity of cold-reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Mimura T, et al. **Arthritis Rheum** 1990 Aug; 33(8):1226-32

Heerlen polymorphism of protein S, an immunologic polymorphism due to dimorphism of residue 460. Bertina RM, et al. **Blood** 1990 Aug 1;76(3):538-48

Chronic inhibitory effect of follicle-stimulating hormone (FSH)-suppressing protein (FSP) or follistatin on activin- and gonadotropin-releasing hormone-stimulated FSH synthesis and secretion in cultured rat anterior pituitary cells. Wang QF, et al. **Endocrinology** 1990 Sep; 127(3):1385-93

Postpartum intracranial venous thrombosis associated with dysfunctional protein C and deficiency of protein S. Roos KL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):492-4

GLYCOSIDES

Recognition of N-glycosidic carbohydrates on esophageal carcinoma cells by macrophage cell line THP-1. Takano R, et al. **Am J Pathol** 1990 Aug;137(2):393-401

GLYCOSPHINGOLIPIDS

Mast cell heterogeneity. Differential synthesis and expression of glycosphingolipids by mouse serosal mast cells as compared to IL-3-dependent bone marrow culture-derived mast cells before or after coculture with 3T3 fibroblasts. Raizman MB, et al. **J Immunol** 1990 Sep 1;145(5):1463-8

GLYCOSURIA

Urine analysis for glucose and protein [letter] Yudkin JS, et al. **BMJ** 1990 Jun 2;300(6737):1463-4

GLYCYRRHETINIC ACID

Glycyrrhetinic acid and potentiation of hydrocortisone activity in skin [letter] Edwards CR, et al. **Lancet** 1990 Aug 4;336(8710):322-3

GOITER

Familial goiter in bongo antelope (Tragelaphus eurycerus). Doi S, et al. **Endocrinology** 1990 Aug;127(2):857-64

Comparison of placebo with L-thyroxine alone or with carbimazole for treatment of sporadic non-toxic goitre. Berghout A, et al. **Lancet** 1990 Jul 28;336(8709):193-7

GOITER, ENDEMIC

Drifting continents and endemic goitre in northern Pakistan. Stewart AG. **BMJ** 1990 Jun 9;300(6738):1507-12

GOITER, SUBSTERNAL

Management of a large mediastinal cyst of thyroid origin. Minni F, et al. **Chest** 1990 Aug;98(2):487-8

GOLD

Intramuscular depot methylprednisolone induction of chrysotherapy in rheumatoid arthritis: a 24-week randomized controlled trial. Corkill MM, et al. **Br J Rheumatol** 1990 Aug;29(4):274-9

GOLD THIOMALATE

A multicentre double-blind comparison of auranofin, intramuscular gold thiomalate and placebo in patients with psoriatic arthritis. Palit J, et al. **Br J Rheumatol** 1990 Aug; 29(4):280-3

GONADAL DYSGENESIS

Multifetal pregnancy in a gonadal dysgenesis mosaic. Bardeguez AD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):502-4

GONADOTROPINS, CHORIONIC

Caution in use of new test for ectopic pregnancy [letter] Haas ST. **Am J Obstet Gynecol** 1990 Aug;163(2):694-5

Use of serial human chorionic gonadotropin measurements to differentiate between intrauterine and ectopic pregnancies [letter] Kadar N. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):259-61

Ovarian tumors with functioning stroma. An immunohistochemical study of 100 cases with human chorionic gonadotropin monoclonal and polyclonal antibodies. Matias-Guiu X, et al. **Cancer** 1990 May 1; 65(9):2001-5

Distribution of beta-human chorionic gonadotropin-positive cells in noncancerous gastric mucosa and in malignant gastric tumors. Yakeishi Y, et al. **Cancer** 1990 Aug 15; 66(4):695-701

Epidermal growth factor (EGF) receptors in human chorionic gonadotropin-producing tumor: transplantation in nude mice and the effect of EGF on tumor growth. Miyachi Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):329-34

The 24-hour pattern of the levels of serum progesterone and immunoreactive human chorionic gonadotropin in normal early pregnancy. Nakajima ST, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):345-53

Trophoblast-derived interleukin-6 (IL-6) regulates human chorionic gonadotropin release through IL-6 receptor on human trophoblasts. Nishino E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):436-41

Uterine serosal trophoblastic implant after linear salpingostomy for ectopic pregnancy at laparotomy. Cataldo NA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):523-5

GONADOTROPINS, PITUITARY

Serial beta-hCG measurements in the early detection of ectopic pregnancy [letter] Kadar N. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):475-7

GONORRHEA

Septic gonococcal arthritis is much more common in the USA than in the UK. Hook EW. **Br J Rheumatol** 1990 Aug;29(4):283

Mixed gonococcal and mycobacterial sepsis of the wrist. Rolfe B, et al. **Clin Orthop** 1990 Aug;(257):100-3

Reduced dosage of ceftriaxone for uncomplicated gonorrhea in women. Freedman LD. **J Fam Pract** 1990 Aug; 31(2):201-2, 205

The role of Neisseria gonorrhoeae and Chlamydia trachomatis in pelvic inflammatory disease and its sequelae in Zimbabwe. De Muylder X, et al. **J Infect Dis** 1990 Aug; 162(2):501-5

GOUT

Corot's 'gout' and a 'gipsy' girl. Panush RB, et al. **JAMA** 1990 Sep 5;264(9):1136-8

Precocious familial gout [editorial] **Lancet** 1990 Aug 18; 336(8712):412

GOVERNMENT AGENCIES

Medical education programs sponsored by government agencies. **JAMA** 1990 Aug 15;264(7):851-6

GRAAFIAN FOLLICLE

Lengthening the bovine estrous cycle with low levels of exogenous progesterone: a model for studying ovarian follicular dominance. Sirois J, et al. **Endocrinology** 1990 Aug;127(2):916-25

Circadian and seasonal variation in human preovulatory follicular fluid melatonin concentration. Rönnberg L, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):492-6

GRAFT OCCLUSION, VASCULAR

Use of a piezoelectric film sensor for monitoring vascular grafts. Gupta SK, et al. **Am J Surg** 1990 Aug;160(2):182-5; discussion 185-6

A comparative study of intraoperative angioscopy and

completion arteriography following femorodistal bypass. Baxter BT, et al. **Arch Surg** 1990 Aug;125(8):997–1002
A new method of angiographic runoff evaluation in femorodistal reconstructions. Significant correlation with early graft patency. Karacagil S, et al. **Arch Surg** 1990 Aug; 125(8):1055–8

GRAFT REJECTION

Wishing won't make it so: duplex Doppler sonography in the evaluation of renal transplant dysfunction [comment] Grant EG, et al. **AJR Am J Roentgenol** 1990 Sep; 155(3):538–9. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):536–7.
Pyramidal appearance and resistive index: insensitive and nonspecific sonographic indicators of renal transplant rejection [see comments] Kelcz F, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):531–5. Comment in: AJR Am J Roentgenol 1990 Sep;155(3):536–7.
Use of Doppler imaging for evaluation of dysfunction in renal allografts [comment] Taylor KJ, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):536–7. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):531–5.
Reversal of constrictive/restrictive physiology with treatment of allograft rejection. Seacord LM, et al. **Am Heart J** 1990 Aug;120(2):455–9
Lung function associated with histologically diagnosed acute lung rejection and pulmonary infection in heart–lung transplant patients. Otulana BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):329–32
Prospective study of the value of ultrasound measurements in the diagnosis of acute rejection following renal transplantation. Nicholson ML, et al. **Br J Surg** 1990 Jun; 77(6):656–8
Murine cytomegalovirus infection can enhance hybrid resistance through modulation of host natural killer activity. Muluk SC, et al. **J Immunol** 1990 Aug 15; 145(4):1113–9
IFN–gamma is the inducer of indoleamine 2,3–dioxygenase in allografted tumor cells undergoing rejection. Takikawa O, et al. **J Immunol** 1990 Aug 15;145(4):1246–50
Eosinophilic cystitis in a renal allograft recipient. Horner SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):342–3
New antirejection drugs anticipated [news] Randall T. **JAMA** 1990 Sep 12;264(10):1225
Preliminary report: hepatic vein Doppler in the early diagnosis of acute liver transplant rejection. Coulden RA, et al. **Lancet** 1990 Aug 4;336(8710):273–5
HLA matching enhances long–term renal graft survival but does not relate to acute rejection. Baltzan MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):227–31

GRAFT SURVIVAL

Liver transplantation across ABO blood group barriers. Gugenheim J, et al. **Lancet** 1990 Sep 1;336(8714):519–23
HLA matching enhances long–term renal graft survival but does not relate to acute rejection. Baltzan MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):227–31
The effect of rigid fixation on the survival of onlay bone grafts: an experimental study. Lin KY, et al. **Plast Reconstr Surg** 1990 Sep;86(3):449–56
The effect of epinephrine in local anesthesia on the survival of full– and split–thickness skin grafts: an experimental study. Wolfort S, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):535–40
Prolonged survival of nonhuman primate renal allograft recipients treated only with anti–CD4 monoclonal antibody. Cosimi AB, et al. **Surgery** 1990 Aug; 108(2):406–13; discussion 413–4
Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival. Kamei T, et al. **Surgery** 1990 Aug;108(2):415–21; discussion 421–2

GRAFT VS HOST DISEASE

Hyperkalemia after irradiation of packed red blood cells: possible effects with intravascular fetal transfusion. Thorp JA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):607–9
Acute upper gastrointestinal graft–versus–host disease: clinical significance and response to immunosuppressive therapy. Weisdorf DJ, et al. **Blood** 1990 Aug 1;76(3):624–9
Immunomodulatory and antimicrobial efficacy of intravenous immunoglobulin in bone marrow transplantation. Sullivan KM, et al. **N Engl J Med** 1990 Sep 13;323(11):705–12

GRAFT VS HOST REACTION

Murine cytomegalovirus infection can enhance hybrid resistance through modulation of host natural killer activity. Muluk SC, et al. **J Immunol** 1990 Aug 15; 145(4):1113–9

GRAM–NEGATIVE AEROBIC BACTERIA

Evaluation of Cathra system for identifying gram negative aerobic bacteria. Ling JM, et al. **J Clin Pathol** 1990 Jul; 43(7):587–90

GRAM–NEGATIVE BACTERIA

The inductive role of ionic binding in the bactericidal and postexposure effects of aminoglycoside antibiotics with implications for dosing. Jackson GG, et al. **J Infect Dis** 1990 Aug;162(2):408–13

GRAM–POSITIVE BACTERIA

Jejunal bacterial overgrowth and intestinal permeability in children with immunodeficiency syndromes. Pignata C, et al. **Gut** 1990 Aug;31(8):879–82

GRANULATION TISSUE

Acute tender nodules in a linear arrangement. Granulation tissue with hemorrhage. Forman AB, et al. **Arch Dermatol** 1990 Aug;126(8):1091, 1094–5

GRANULOCYTES

Protective effect of recombinant human granulocyte colony–stimulating factor against pneumococcal infections in splenectomized mice. Hebert JC, et al. **Arch Surg** 1990 Aug;125(8):1075–8
Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS–1 cells. Tran–Paterson R, et al. **Blood** 1990 Aug 15; 76(4):775–82
Inhibition of μ-atelet aggregation by granulocytes stimulated during experimental trauma. Zoucas E, et al. **Crit Care Med** 1990 Aug;18(8):845–7

GRANULOMA

Cholesterol granuloma presenting in the ear canal. Matt BH, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):672–3
Xanthogranulomatous endometritis. Report of six cases and a proposed mechanism of development. Russack V, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):929–32
Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Mitchell IC, et al. **Gut** 1990 Jun;31(6):674–8
Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen–induced suppressor T cells down–regulate proliferation and IL–2 production. Fidel PL Jr, et al. **J Immunol** 1990 Aug 15;145(4):1257–64

GRANULOMATOUS DISEASE, CHRONIC

Origin of mutations in two families with X–linked chronic granulomatous disease. Francke U, et al. **Blood** 1990 Aug 1;76(3):602–6
RFLP and deletion analysis for X–linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Pelham A, et al. **Blood** 1990 Aug 15;76(4):820–4
Killing of Mycobacterium tuberculosis by neutrophils: a nonoxidative process. Jones GS, et al. **J Infect Dis** 1990 Sep;162(3):700–4
Trimethoprim–sulfamethoxazole prophylaxis in the management of chronic granulomatous disease. Margolis DM, et al. **J Infect Dis** 1990 Sep;162(3):723–6

GRANULOSA CELL TUMOR

Large cystic granulosa cell tumor: case report. Choi CH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):74–6
Ovarian granulosa cell tumorigenesis in SWR–derived F1 hybrid mice: preneoplastic follicular abnormality and malignant disease progression. Tennent BJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):625–34
Bilateral spontaneous pneumothoraces caused by metastatic ovarian granulosa cell tumor. Davidson PG, et al. **Chest** 1990 Aug;98(2):503–5

GRANULOSA CELLS

Epidermal growth factor influences growth and differentiation of rat granulosa cells. Bendell JJ, et al. **Endocrinology** 1990 Aug;127(2):533–40
Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Chandrasekher YA, et al. **Endocrinology** 1990 Aug;127(2):926–33
Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin–releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823–31
Generation of regulatory oxysterols: 26–hydroxylation of cholesterol by ovarian mitochondria. Rennert H, et al. **Endocrinology** 1990 Aug;127(2):738–46

GRAVES' DISEASE

Administration of 131I capsule via nasogastric tube in an uncooperative patient with Graves disease. Lowry PA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):611–2
Serum thyroglobulin concentration as an indicator for assessing thyroid stimulation in patients with Graves' disease during antithyroid drug therapy. Aizawa T, et al. **Am J Med** 1990 Aug;89(2):175–80
Graves' ophthalmopathy. Fleck BW, et al. **BMJ** 1990 May 26;300(6736):1352–3 (15 ref.)
Antideoxyribonucleic acid antibodies in Graves' disease. McDermott MT, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):509–11
Surgical correction of exophthalmos secondary to Graves' disease. Thaller SR, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):411–8; discussion 419–21

GROUP PROCESSES

The nursing shortage: dynamics and solutions. A response from an educational perspective. Martin CE. **Nurs Clin North Am** 1990 Sep;25(3):561–8

GROWTH

Malabsorption of carbohydrate from rice and child growth: a longitudinal study with the breath–hydrogen test in Burmese village children. Khin–Maung–U, et al. **Am J Clin Nutr** 1990 Aug;52(2):348–52
Pneumonia, diarrhea, and growth in the first 4 y of life: a longitudinal study of 5914 urban Brazilian children. Victora CG, et al. **Am J Clin Nutr** 1990 Aug;52(2):391–6
Expression of insulin–like growth factor I stimulates normal somatic growth in growth hormone–deficient transgenic mice. Behringer RR, et al. **Endocrinology** 1990 Sep; 127(3):1033–40
Zinc supplementation during diarrhoea, a fortification against malnutrition? [letter] Behrens RH, et al. **Lancet** 1990 Aug 18;336(8712):442–3
Growth and nutrition in children with cerebral palsy [letter] Mutch L, et al. **Lancet** 1990 Sep 1;336(8714):569–70
Nutrition and growth analysis of very low birth weight infants. Fenton TR, et al. **Pediatrics** 1990 Sep;86(3):378–83

GROWTH DISORDERS

Clinical review 11: the rational use of growth hormone during childhood. Frasier SD, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):269–73 (12 ref.)
Geleophysic dysplasia: a storage disorder affecting the skin, bone, liver, heart, and trachea. Shohat M, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):227–32

GROWTH SUBSTANCES

Hematologic effects of recombinant murine granulocyte–macrophage colony–stimulating factor on the peripheral blood and bone marrow. Ulich TR, et al. **Am J Pathol** 1990 Aug;137(2):369–76
Growth factors and blood cells. Ross DW. **Arch Pathol Lab Med** 1990 Sep;114(9):995–6
High–dose melphalan and granulocyte–macrophage colony–stimulating factor for refractory multiple myeloma. Barlogie B, et al. **Blood** 1990 Aug 15;76(4):677–80
A comparison of treatment of canine cyclic hematopoiesis with recombinant human granulocyte–macrophage colony–stimulating factor (GM–CSF), G–CSF interleukin–3, and canine G–CSF. Hammond WP, et al. **Blood** 1990 Aug 1;76(3):523–32
Establishment and characterization of a granulocyte–macrophage colony–stimulating factor–dependent human myeloid cell line. Oez S, et al. **Blood** 1990 Aug 1;76(3):578–82
Subcutaneous recombinant granulocyte–macrophage colony–stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Pluda JM, et al. **Blood** 1990 Aug 1;76(3):463–72
The action of bryostatin on normal human hematopoietic progenitors is mediated by accessory cell release of growth factors. Sharkis SJ, et al. **Blood** 1990 Aug 15;76(4):716–20
Detection of the target progenitor cells of granulomonopoietic enhancing activity. Wang SY, et al. **Blood** 1990 Aug 1;76(3):495–500
Establishment of a human undifferentiated thyroid cancer cell line producing several growth factors and cytokines. Enomoto T, et al. **Cancer** 1990 May 1;65(9):1971–9
Immunohistochemical observations on bone morphogenetic protein in normal and abnormal conditions. Yang LJ, et al. **Clin Orthop** 1990 Aug;(257):249–56
Vascular endothelial growth factor is expressed in rat corpus luteum. Phillips HS, et al. **Endocrinology** 1990 Aug; 127(2):965–7
Post–transcriptional regulation of granulocyte–macrophage colony–stimulating factor synthesis in murine T cells. Bickel M, et al. **J Immunol** 1990 Aug 1;145(3):840–5
Recombinant granulocyte–macrophage colony–stimulating factor restores deficient immune responses in mice with chronic Trypanosoma cruzi infections. Reed SG, et al. **J Immunol** 1990 Sep 1;145(5):1564–70
Differential effect of GM–CSF and G–CSF in cyclic neutropenia [letter] Freund MR, et al. **Lancet** 1990 Aug 4;336(8710):313
Trophic stimulation of the ductal/islet cell axis: a new approach to the treatment of diabetes. Rosenberg L, et al. **Surgery** 1990 Aug;108(2):191–7

GUANIDINES

Camostate (FOY–305) improves the therapeutic effect of

peritoneal lavage on taurocholate induced pancreatitis. Leonhardt U, et al. **Gut** 1990 Aug;31(8):934–7

GUANINE NUCLEOTIDE REGULATORY PROTEIN

Identification of the pertussis toxin-sensitive G proteins in platelets, megakaryocytes, and human erythroleukemia cells. Williams AG, et al. **Blood** 1990 Aug 15;76(4):721–30

Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949–56

A neutrophil GTP-binding protein that regulates cell free NADPH oxidase activation is located in the cytosolic fraction. Gabig TG, et al. **J Immunol** 1990 Aug 1; 145(3):945–51

GUANINE NUCLEOTIDES

Genetic variation in response to 6-mercaptopurine for childhood acute lymphoblastic leukaemia. Lennard L, et al. **Lancet** 1990 Jul 28;336(8709):225–9

GYNECOLOGY

Breast diagnostics in clinical gynecology [letter] Cross RW. **Am J Obstet Gynecol** 1990 Aug;163(2):686–7

Breast disease programs and mammography training [letter] Dodd GD, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):689–91

Gynaecology and the National Confidential Enquiry into Perioperative Deaths [editorial] Campling EA, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):466–7

Student evaluation in obstetrics and gynecology: self- versus departmental assessment. Herbert WN, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):458–61

Gross and histologic examination of tubal ligation failures in a residency training program. Stovall TG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):461–5

H-2 ANTIGENS

Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. Browning MJ, et al. **J Immunol** 1990 Aug 1;145(3):985–94

Increased sensitivity to MHC-nonrestricted lysis of BL6 melanoma cells by transfection with class I H-2Kb gene. Gorelik E, et al. **J Immunol** 1990 Sep 1;145(5):1621–32

Structural basis of Kbm8 alloreactivity. Amino acid substitutions on the beta-pleated floor of the antigen recognition site. Hunt HD, et al. **J Immunol** 1990 Sep 1; 145(5):1456–62

Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. Kuchroo VK, et al. **J Immunol** 1990 Aug 15;145(4):1059–65

HABITS

Self hypnotherapeutic treatment of habitual reflex vomiting. Sokel BS, et al. **Arch Dis Child** 1990 Jun;65(6):626–7

HAEMOPHILUS INFECTIONS

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510–4

Bacterial vaginosis: diagnostic and pathogenetic findings during topical clindamycin therapy. Livengood CH 3d, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):515–20

Respiratory tract infection and anaesthesia. Haemophilus influenzae pneumonia that developed under anaesthesia. Campbell NN. **Anaesthesia** 1990 Jul;45(7):561–2

Effect of breast-feeding on antibody response to conjugate vaccine. Pabst HF, et al. **Lancet** 1990 Aug 4; 336(8710):269–70

Microbiologic efficacy of intravaginal clindamycin cream for the treatment of bacterial vaginosis. Hillier S, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):407–13

HAEMOPHILUS INFLUENZAE

Evaluation of two rapid methods for identifying and biotyping Haemophilus influenzae. Murphy PG, et al. **J Clin Pathol** 1990 Jul;43(7):581–3

Biochemical characterization and worldwide distribution of serologically distinct lipopolysaccharides of Haemophilus influenzae type b. van Alphen L, et al. **J Infect Dis** 1990 Sep;162(3):659–63

HAIR

Prevention of hair growth in myocutaneous flap reconstruction. Eliachar I, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):923–7

HALLUCINATIONS

How much of which antipsychotic? [letter] Rowlands P, et al. **Lancet** 1990 Aug 18;336(8712):443

HALOPERIDOL

A controlled dose comparison of haloperidol in newly admitted schizophrenic patients. Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):754–8

Haloperidol-induced torsades de pointes. Kriwisky M, et al. **Chest** 1990 Aug;98(2):482–4

Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480–6

HALOTHANE

Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Karlsson BR, et al. **Anesth Analg** 1990 Aug;71(2):125–9

Additive contribution of nitrous oxide to halothane MAC in infants and children. Murray DJ, et al. **Anesth Analg** 1990 Aug;71(2):120–4

Effects of halothane on intraocular pressure in anesthetized children. Watcha MF, et al. **Anesth Analg** 1990 Aug; 71(2):181–4

Bupivacaine toxicity in young pigs is age-dependent and is affected by volatile anesthetics. Badgwell JM, et al. **Anesthesiology** 1990 Aug;73(2):297–303

Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90

Failure of the agent-specific filling device [letter] Riegle EV, et al. **Anesthesiology** 1990 Aug;73(2):353–4

The effects of transient hyperglycemia on brain glucose in rats anesthetized with halothane. Weglinski MR, et al. **Anesthesiology** 1990 Aug;73(2):291–6

HAMARTOMA

A case of fibrous hamartoma of infancy in the scrotum including immunohistochemical findings. Groisman G, et al. **J Urol** 1990 Aug;144(2 Pt 1):340–1 (9 ref.)

HAND

Vascular access in patients with arterial insufficiency. Construction of proximal bridge fistulae based on inflow from axillary branch arteries. Jendrisak MD, et al. **Ann Surg** 1990 Aug;212(2):187–93

Raynaud's disease in childhood with radiological features. Shono T, et al. **Br J Radiol** 1990 May;63(749):364–6

HAND DEFORMITIES, ACQUIRED

Revision of residual deformities after operations for duplication of the thumb. Kawabata H, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):988–98

HANDICAPPED

Questionnaire to measure perceived symptoms and disability in asthma. Usherwood TP, et al. **Arch Dis Child** 1990 Jul; 65(7):779–81

Hospitals making way for disabled employees. Eubanks P. **Hospitals** 1990 Aug 20;64(16):58–9

The Matrix seating system. Trail IA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):666–9

The life expectancy of profoundly handicapped people with mental retardation. Eyman RK, et al. **N Engl J Med** 1990 Aug 30;323(9):584–9

HAPLOTYPES

The genetics of psoriasis. Haplotype sharing in siblings with the disease [see comments] Suarez-Almazor ME, et al. **Arch Dermatol** 1990 Aug;126(8):1040–2. Comment in: Arch Dermatol 1990 Aug;126(8):1083–6.

HAY FEVER

Effect of ozone inhalation on the response to nasal challenge with antigen of allergic subjects. Bascom R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):594–601

A dose-ranging study of fluticasone propionate aqueous nasal spray for seasonal allergic rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. Meltzer EO, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):221–30

HAZARDOUS SUBSTANCES

Unintentional methyl bromide gas release Florida, 1988. Polkowski J, et al. **J Toxicol Clin Toxicol** 1990;28(1):127–30

HEAD

Head retraction and respiratory disorders in infancy [editorial] Chidiac P, et al. **Arch Dis Child** 1990 Jun; 65(6):567

Relationship of head circumference to measures of school performance. Desch LW, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):389–92

HEAD AND NECK NEOPLASMS

Spontaneous resolution of a nuchal fetal cystic hygroma diagnosed early in the second trimester of pregnancy [letter] Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):267–9

Esophagography and esophagoscopy. Comparison in the examination of patients with head and neck carcinoma. Nino-Murcia M, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):917–9

Attitudes to chemotherapy [letter] McGurk M, et al. **BMJ** 1990 Jul 7;301(6742):46

A phase II study of cisplatin and continuous infusion of vindesine in metastatic head and neck squamous cell cancer. Tellez-Bernal E, et al. **Cancer** 1990 Aug 15;66(4):640–4

Haemangioma in a cervical lymph node. Har-El G, et al. **J Laryngol Otol** 1990 Jun;104(6):513–5

Midline sublingual dermoid cyst. al-Khayat M, et al. **J Laryngol Otol** 1990 Jul;104(7):578–80

Head and neck cancer in the young: a prognostic conundrum? Lund VJ, et al. **J Laryngol Otol** 1990 Jul;104(7):544–8

Head and neck surgery: an encyclopaedia of ignorance. Maran AG. **J Laryngol Otol** 1990 Jul;104(7):529–33

Neuro-endocrine tumours of the head and neck. Soussi AC, et al. **J Laryngol Otol** 1990 Jun;104(6):504–7

AAOMS 72nd annual meeting and scientific sessions. American Association of Oral and Maxillofacial Surgeons. September 12-16, 1990, New Orleans. Educational summaries and outlines. **J Oral Maxillofac Surg** 1990 Aug; 48(8 Suppl 1):1–156

HEAD INJURIES

How bicycle-related injuries change bicycling practices in children. Nakayama DK, et al. **Am J Dis Child** 1990 Aug; 144(8):928–9

The management of traumatic optic neuropathy [editorial; comment] Miller NR. **Arch Ophthalmol** 1990 Aug; 108(8):1086–7. Comment on: Arch Ophthalmol 1990 Aug;108(8):1091–3.

ABC of major trauma. Head injuries—II. Bullock R, et al. **BMJ** 1990 Jun 16;300(6739):1576–9 (0 ref.)

ABC of major trauma. Head injuries—I. Bullock R, et al. **BMJ** 1990 Jun 9;300(6738):1515–8 (0 ref.)

Anosmia and isolated ACTH deficiency following a road traffic accident. Case report. Scoble JE, et al. **J Neurosurg** 1990 Sep;73(3):453–4

AAOMS 72nd annual meeting and scientific sessions. American Association of Oral and Maxillofacial Surgeons. September 12-16, 1990, New Orleans. Educational summaries and outlines. **J Oral Maxillofac Surg** 1990 Aug; 48(8 Suppl 1):1–156

Head injury: an immunologic deficit in T-cell activation. Hoyt DB, et al. **J Trauma** 1990 Jul;30(7):759–66; discussion 766–7

Cerebral perfusion pressure management in head injury. Rosner MJ, et al. **J Trauma** 1990 Aug;30(8):933–40; discussion 940–1

Indomethacin in severe head injury [letter] Jensen K, et al. **Lancet** 1990 Jul 28;336(8709):246

Adolescents with closed head injury. Neuropsychological consequences. Rusonis ES. **Med Clin North Am** 1990 Sep; 74(5):1311–9 (26 ref.)

Cognitive and behavioral sequelae of mild head injury in children. Bijur PE, et al. **Pediatrics** 1990 Sep;86(3):337–44

HEADACHE

Postdural puncture headache with 29-gauge spinal needles [letter] Fitzgibbon D, et al. **Anaesthesia** 1990 Jul;45(7):593

Postspinal headache [letter] Fink BR. **Anesth Analg** 1990 Aug;71(2):208–9

Headache caused by caffeine withdrawal among moderate coffee drinkers switched from ordinary to decaffeinated coffee: a 12 week double blind trial. van Dusseldorp M, et al. **BMJ** 1990 Jun 16;300(6739):1558–9

HEALTH

Adolescent wellness. Facilitating compliance in social morbidities. Rickert VI, et al. **Med Clin North Am** 1990 Sep;74(5):1135–48 (96 ref.)

HEALTH BEHAVIOR

How bicycle-related injuries change bicycling practices in children. Nakayama DK, et al. **Am J Dis Child** 1990 Aug; 144(8):928–9

Predictors of vaccination behavior among persons ages 65 years and older. Stehr-Green PA, et al. **Am J Public Health** 1990 Sep;80(9):1127–9

Effectiveness and hazards of case finding for a high cholesterol concentration. Kinlay S, et al. **BMJ** 1990 Jun 16;300(6739):1545–7

HEALTH CARE RATIONING

Former governor advocates health care rationing. Anderson HJ. **Hospitals** 1990 Aug 20;64(16):46–7

HEALTH EDUCATION

AIDS education in the emergency department. Magid D,

et al. **Ann Emerg Med** 1990 Jul;19(7):758–63
Reduction in pneumonia mortality and total childhood mortality by means of community-based intervention trial in Gadchiroli, India. Bang AT, et al. **Lancet** 1990 Jul 28; 336(8709):201–6
Networking in a rural community focuses on at-risk children. Epstein MR. **Public Health Rep** 1990 Jul–Aug; 105(4):428–30
A church-based cholesterol education program. Wiist WH, et al. **Public Health Rep** 1990 Jul–Aug;105(4):381–8

HEALTH FACILITIES

Physician ownership of health care facilities [news] Foreman J. **Arch Ophthalmol** 1990 Aug;108(8):1077

HEALTH INSURANCE FOR AGED AND DISABLED, TITLE 18

On quality of ambulatory care [letter] Ashley JT. **Am J Public Health** 1990 Sep;80(9):1136–7
HCFA tries new strategy to recoup Medicare payments. Burke M. **Hospitals** 1990 Aug 20;64(16):52, 54
Medicare and Medicaid at 25. Friedman E. **Hospitals** 1990 Aug 5;64(15):38, 42, 46 passim
Impact of the Medicare fee schedule on payments to physicians. Levy JM, et al. **JAMA** 1990 Aug 8; 264(6):717–22
American Urological Association survey of transurethral prostatectomy and the impact of changing medicare reimbursement. Holtgrewe HL. **Urol Clin North Am** 1990 Aug;17(3):587–93

HEALTH MAINTENANCE ORGANIZATIONS

On quality of ambulatory care [letter] Ashley JT. **Am J Public Health** 1990 Sep;80(9):1136–7

HEALTH MANPOWER

Universal precautions [letter] Righter J. **Can Med Assoc J** 1990 Aug 15;143(4):256–7
Minimizing risks for occupational blood-borne infections. Fahey BJ, et al. **JAMA** 1990 Sep 5;264(9):1189, 1190
Risks of HIV exposure to medical students and health care personnel [editorial] Hermann RC. **JAMA** 1990 Sep 5; 264(9):1187

HEALTH OCCUPATIONS

Teaching the multidisciplinary team approach in a geriatrics miniresidency. Jackson JE, et al. **Acad Med** 1990 Jun; 65(6):417–9
Dodging droplet nuclei. Reducing the probability of nosocomial tuberculosis transmission in the AIDS era [editorial] Nardell EA. **Am Rev Respir Dis** 1990 Sep; 142(3):501–3
Allied health education and accreditation. Gupta GC, et al. **JAMA** 1990 Aug 15;264(7):843–8

HEALTH PLANNING ORGANIZATIONS

Looking after consumers in the new NHS. Klein R. **BMJ** 1990 May 26;300(6736):1351–2

HEALTH POLICY

Postoutbreak polio vaccination policy in Israel [letter] Slater PE. **Am J Dis Child** 1990 Aug;144(8):850–1
Policy protests, scientific spats take centre stage at Sixth International AIDS Conference. Orkin A. **Can Med Assoc J** 1990 Aug 15;143(4):312–5
Benefits, risks, and costs of prescription drugs: a scientific basis for evaluating policy options. Anderson GM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):111–9
Disproportionate-share payment sparks policy debate. Burke M. **Hospitals** 1990 Aug 20;64(16):33–4, 36
Medicare and Medicaid at 25. Friedman E. **Hospitals** 1990 Aug 5;64(15):38, 42, 46 passim

HEALTH PROMOTION

The effects of workplace health promotion on absenteeism and employment costs in a large industrial population. Bertera RL. **Am J Public Health** 1990 Sep;80(9):1101–5
Practicing health promotion: the doctor's dilemma. Becker MH, et al. **Ann Intern Med** 1990 Sep 15;113(6):419–22 (55 ref.)
Prevention of coronary heart disease in Scotland [letter] Dunnigan MG. **BMJ** 1990 Jun 16;300(6739):1583
Promoting low-fat foods in the supermarket using various methods, including videocassettes. Dougherty MF, et al. **J Am Diet Assoc** 1990 Aug;90(8):1106–8
Establishing a work-site wellness program in a hospital setting. Miller A, et al. **J Am Diet Assoc** 1990 Aug; 90(8):1104–6
Preconception care. Risk reduction and health promotion in preparation for pregnancy. Jack BW, et al. **JAMA** 1990 Sep 5;264(9):1147–9
From the Secretary of Health and Human Services. Sullivan LW. **JAMA** 1990 Sep 5;264(9):1091

HEALTH SERVICES

Services for persons with AIDS. Nurse executives report. Sowell RL, et al. **J Nurs Adm** 1990 Jul–Aug;20(7–8):44–8
Treating adolescents. Legal and ethical considerations. English A. **Med Clin North Am** 1990 Sep;74(5):1097–112 (104 ref.)
The future of the American health care system [letter] **N Engl J Med** 1990 Sep 13;323(11):752–4

HEALTH SERVICES ACCESSIBILITY

Access to health care [letter] **Ann Intern Med** 1990 Sep 15; 113(6):478–80
The availability of epidural anaesthesia and analgesia in obstetrics. Hibbard BM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):402–5
The 'Medicaidization' of AIDS. Trends in the financing of HIV-related medical care [see comments] Green J, et al. **JAMA** 1990 Sep 12;264(10):1261–6. Comment in: JAMA 1990 Sep 12;264(10):1294–5.
Problems with incentives [editorial; comment] Todd JS. **JAMA** 1990 Sep 12;264(10):1294–5. Comment on: JAMA 1990 Sep 12;264(10):1255–60. Comment on: JAMA 1990 Sep 12;264(10):1261–6.
Dreams, dollars, and deeds. The sacred fire and health access America. Tupper CJ. **JAMA** 1990 Sep 5;264(9):1150–2
A commitment to medicine and society. Fergusson FD. **Mayo Clin Proc** 1990 Aug;65(8):1106–9

HEALTH SERVICES FOR THE AGED

Peer review and services for elderly patients. Denham MJ, et al. **BMJ** 1990 Jun 23;300(6740):1635–6
Screening the elderly. Freer CB. **BMJ** 1990 Jun 2; 300(6737):1447–8

HEALTH SERVICES RESEARCH

The nature of patients' requests for physicians' help. Eisenthal S, et al. **Acad Med** 1990 Jun;65(6):401–5
Meeting the needs for health services of persons with mental retardation living in the community [see comments] Minihan PM, et al. **Am J Public Health** 1990 Sep; 80(9):1043–8. Comment in: Am J Public Health 1990 Sep;80(9):1037–8.
The Ventilator-assisted Individuals Study. Goldberg AI, et al. **Chest** 1990 Aug;98(2):428–33
The nursing shortage: dynamics and solutions. A research perspective. Cowling WR 3d. **Nurs Clin North Am** 1990 Sep;25(3):569–79

HEALTH STATUS

A cholesterol screening and health assessment of medical students. Girard J, et al. **Acad Med** 1990 Jun;65(6):422
Transitions in health status among community-dwelling elderly people with arthritis. A national, longitudinal study. Yelin EH, et al. **Arthritis Rheum** 1990 Aug;33(8):1205–15
Avoidant coping predicts psychological disturbance in the elderly. Smith LW, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):525–30
Preconception care. Risk reduction and health promotion in preparation for pregnancy. Jack BW, et al. **JAMA** 1990 Sep 5;264(9):1147–9
Inequalities in health: ten years and little further on. Morris JN. **Lancet** 1990 Aug 25;336(8713):491–3

HEALTH SURVEYS

Apparent underreporting of cigarette consumption among Mexican American smokers [see comments] Pérez-Stable EJ, et al. **Am J Public Health** 1990 Sep;80(9):1057–61. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.
City directories as sources for survey work in low- and middle-income black communities. Stanek EJ 3d, et al. **Am J Public Health** 1990 Sep;80(9):1125–6

HEARING

Predicting binaural hearing after stapedectomy from presurgery results. Hall JW 3d, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):946–50
Hearing conservation in acoustic neuroma surgery via the posterior fossa. Baldwin DL, et al. **J Laryngol Otol** 1990 Jun;104(6):463–7

HEARING AIDS

Quality-of-life changes and hearing impairment. A randomized trial. Mulrow CD, et al. **Ann Intern Med** 1990 Aug 1;113(3):188–94
The British experience of an implantable, subcutaneous bone conduction hearing aid (Xomed Audiant). Browning GG. **J Laryngol Otol** 1990 Jul;104(7):534–8

HEARING LOSS, PARTIAL

Quality-of-life changes and hearing impairment. A randomized trial. Mulrow CD, et al. **Ann Intern Med** 1990 Aug 1;113(3):188–94
Reversible hearing loss in a patient with cryptococcosis. Mayer JM, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):962–4
Unusual case of bilateral conductive deafness. Hoare TJ, et al. **J Laryngol Otol** 1990 Jul;104(7):560–1
Vision and hearing during deferoxamine therapy. Cohen A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):326–30
Acquired hearing impairment and psychiatric disorder amongst Australian Vietnam veterans [letter] Ben-Tovim DI, et al. **Lancet** 1990 Aug 4;336(8710):324

HEARING LOSS, SENSORINEURAL

Quality-of-life changes and hearing impairment. A randomized trial. Mulrow CD, et al. **Ann Intern Med** 1990 Aug 1;113(3):188–94
Prevalence of otitis media with effusion in children with bilateral sensorineural hearing loss. Das VK. **Arch Dis Child** 1990 Jul;65(7):757–9
Vision and hearing during deferoxamine therapy. Cohen A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):326–30
Hearing loss from the acoustic artifact of the coil used in extracranial magnetic stimulation. Counter SA, et al. **Neurology** 1990 Aug;40(8):1159–62

HEART

Cardiopulmonary exercise testing before and after conditioning in older coronary patients. Ades PA, et al. **Am Heart J** 1990 Sep;120(3):585–9
Quantification of human concealed atrioventricular nodal conduction: relation to ventricular response during atrial fibrillation. Fujiki A, et al. **Am Heart J** 1990 Sep; 120(3):598–603
Significance of collateral circulation in reversible left ventricular asynergy by nitroglycerin in patients with relatively recent myocardial infarction. Fujita M, et al. **Am Heart J** 1990 Sep;120(3):521–8
Cardiac phase-related variability of border detection or densitometric quantitation of postangioplasty lumens. Katritsis D, et al. **Am Heart J** 1990 Sep;120(3):537–43
Beat-to-beat evaluation of cardiac function during recovery from upright bicycle exercise in patients with coronary artery disease. Koike A, et al. **Am Heart J** 1990 Aug; 120(2):316–23
Changes in transmyocardial impedance during prolonged ventricular fibrillation. Implications for current flow and delivered energy during DC countershock. Mahmud R, et al. **Am Heart J** 1990 Aug;120(2):334–9
Return of atrial mechanical function following electrical conversion of atrial dysrhythmias. O'Neill PG, et al. **Am Heart J** 1990 Aug;120(2):353–9
Reversal of constrictive/restrictive physiology with treatment of allograft rejection. Seacord LM, et al. **Am Heart J** 1990 Aug;120(2):455–9
Recovery of regional myocardial dysfunction after successful coronary angioplasty early after a non-Q wave myocardial infarction. Suryapranata H, et al. **Am Heart J** 1990 Aug; 120(2):261–9
Correlates of diastolic filling abnormalities in hypertension: a Doppler echocardiographic study. Szlachcic J, et al. **Am Heart J** 1990 Aug;120(2):386–91
Comparative evaluation of cardioselectivity of metoprolol OROS and atenolol: a double-blind, placebo-controlled crossover study. Tantucci C, et al. **Am Heart J** 1990 Aug; 120(2):467–72
Acute ventricular septal rupture: perspectives on the current role of ventriculography and coronary arteriography and their implication for surgical repair. Topaz O, et al. **Am Heart J** 1990 Aug;120(2):412–7 (31 ref.)
Hypocalcemic myocardial dysfunction: short- and long-term improvement with calcium replacement. Wong CK, et al. **Am Heart J** 1990 Aug;120(2):381–6
Autonomic nervous system activity during myocardial ischemia in man estimated by power spectral analysis of heart period variability. The Multicenter Study of Silent Myocardial Ischemia Investigators. Bigger JT Jr, et al. **Am J Cardiol** 1990 Aug 15;66(4):497–8
Characteristic variation in evoked potential amplitude with changes in pacing stimulus strength. Curtis AB, et al. **Am J Cardiol** 1990 Aug 15;66(4):416–22
Preservation of left ventricular performance with reduced ischemic dysfunction by intravenous nisoldipine. Kimball BP, et al. **Am J Cardiol** 1990 Aug 15;66(4):400–5
Noninvasive estimation of right atrial pressure from the inspiratory collapse of the inferior vena cava. Kircher BJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):493–6
Vasodilators have not been shown to be of value in all patients with chronic congestive heart failure due to left ventricular systolic dysfunction. Kulick DL, et al. **Am J Cardiol** 1990 Aug 15;66(4):435–8 (33 ref.)
All patients with left ventricular systolic dysfunction should be treated with an angiotensin-converting enzyme inhibitor: a protagonist's viewpoint. Massie BM. **Am J Cardiol** 1990 Aug 15;66(4):439–43 (29 ref.)
Nifedipine enhances the cardiac toxicity of magnesium sulfate in the isolated perfused Sprague-Dawley rat heart. Thorp JM Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):655–6
Impairment of left ventricular diastolic function during coronary artery bypass grafting. Wehlage DR, et al. **Anaesthesia** 1990 Jul;45(7):549–51
Cardiac cycle and synchronous left hemidiaphragmatic

contraction [letter] Moorthy SS, et al. **Anesth Analg** 1990 Aug;71(2):206–7

Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90

Left ventricular performance and clinical outcome after repeat balloon aortic valvuloplasty. Davidson CJ, et al. **Ann Intern Med** 1990 Aug 1;113(3):250–2

Modification of supraventricular tachyarrhythmias by stimulating atrial neurons. Ali IM, et al. **Ann Thorac Surg** 1990 Aug;50(2):251–6

Long-term cardiac sequelae after treatment of malignant tumors with radiotherapy or cytostatics in childhood. Mäkinen L, et al. **Cancer** 1990 May 1;65(9):1913–7

Mechanical dysfunction of the heart during and after ischemia. Unraveling the causes [comment] Barry WH. **Circulation** 1990 Aug;82(2):652–4. Comment on: Circulation 1990 Aug;82(2):528–35.

Beta-adrenergic pathways in nonfailing and failing human ventricular myocardium. Bristow MR, et al. **Circulation** 1990 Aug;82(2 Suppl):I12–25 (106 ref.)

Effect of beta-adrenergic blockade on myocardial function and energetics in congestive heart failure. Improvements in hemodynamic, contractile, and diastolic performance with bucindolol. Eichhorn EJ, et al. **Circulation** 1990 Aug; 82(2):473–83

In vivo induction of "focal" triggered ventricular arrhythmias and responses to overdrive pacing in the canine heart. Furukawa T, et al. **Circulation** 1990 Aug; 82(2):549–59

Interplay between inotropic and lusitropic effects of cyclic adenosine monophosphate on the myocardial cell. Katz AM. **Circulation** 1990 Aug;82(2 Suppl):I7–11 (33 ref.)

Cardiac abnormalities in systemic lupus erythematosus. Association with raised anticardiolipin antibodies [see comments] Nihoyannopoulos P, et al. **Circulation** 1990 Aug; 82(2):369–75. Comment in: Circulation 1990 Aug;82(2):636–8.

Doppler-derived rate of left ventricular pressure rise. Its correlation with the postoperative left ventricular function in mitral regurgitation. Pai RG, et al. **Circulation** 1990 Aug; 82(2):514–20

Natural history of left ventricular size and function after acute myocardial infarction. Assessment and prediction by echocardiographic endocardial surface mapping. Picard MH, et al. **Circulation** 1990 Aug;82(2):484–94

Relation of diastolic function and exercise capacity in ischemic left ventricular dysfunction. Role of beta-agonists and beta-antagonists. Pouleur H, et al. **Circulation** 1990 Aug;82(2 Suppl):I89–96

Intermittent perfusion of ischemic myocardium. Possible mechanisms of protective effects on mechanical function in isolated rat heart. Tani M, et al. **Circulation** 1990 Aug; 82(2):536–48

Sympathetic control of diastolic function in congestive heart failure. Walsh RA. **Circulation** 1990 Aug;82(2 Suppl):I52–8 (51 ref.)

Electrophysiological testing and nonsustained ventricular tachycardia. Use and limitations in patients with coronary artery disease and impaired ventricular function [see comments] Wilber DJ, et al. **Circulation** 1990 Aug; 82(2):350–8. Comment in: Circulation 1990 Aug;82(2):633–5.

Increased myocardial perfusion at rest and diminished perfusion reserve in patients with angina and angiographically normal coronary arteries [see comments] Geltman EM, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):586–95. Comment in: J Am Coll Cardiol 1990 Sep;16(3):596–8.

Progressive failure of coronary flow during reperfusion of myocardial infarction: documentation of the no reflow phenomenon with positron emission tomography. Jeremy RW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):695–704

Epinephrine for cardiac resuscitation: too much beta for its own good? [editorial; comment] Parmley WW. **J Am Coll Cardiol** 1990 Aug;16(2):495–6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):489–94.

Cryosurgical denervation of the heart: acute and chronic effects. Douglas JM Jr, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):198–209

Multichannel biomagnetic system for study of electrical activity in the brain and heart. Schneider S, et al. **Radiology** 1990 Sep;176(3):825–30

Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Lazar HL, et al. **Surgery** 1990 Aug;108(2):423–9; discussion 429–30

HEART ANEURYSM

Diagnosis of a false left ventricular aneurysm with magnetic resonance imaging. Pollak H, et al. **Am Heart J** 1990 Sep; 120(3):706–8

Large atrial septal aneurysm mimicking a cystic right atrial mass. Smith AJ, et al. **Am Heart J** 1990 Sep;120(3):714–6

HEART ARREST

Radiological case of the month. Basal ganglia injury after cardiopulmonary arrest: clinical and magnetic resonance imaging correlation. Jacobs MB, et al. **Am J Dis Child** 1990 Aug;144(8):937–8

Cardiopulmonary resuscitation in the elderly [letter] Eisenberg M, et al. **Ann Intern Med** 1990 Sep 1;113(5):408–9

The clinical rationale of cardiac resuscitation. Weil MH, et al. **Dis Mon** 1990 Aug;36(8):421–68 (195 ref.)

Management of survivors of cardiac arrest: is electrophysiologic testing obsolete in the era of implantable defibrillators? [comment] Kim SG. **J Am Coll Cardiol** 1990 Sep;16(3):756–62 (48 ref.). Comment on: J Am Coll Cardiol 1990 Sep;16(3):657–65.

Effect of hypothermia and cardiac arrest on outcome of near-drowning accidents in children. Biggart MJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):179–83

Cardiac arrests at home [letter] Rosenberg H, et al. **Pediatrics** 1990 Sep;86(3):491–2

Midazolam-fentanyl intravenous sedation in children: case report of respiratory arrest. Yaster M, et al. **Pediatrics** 1990 Sep;86(3):463–7

HEART ARREST, INDUCED

Oxygenated cardioplegia: blood is a many splendored thing [comment] Buckberg GD. **Ann Thorac Surg** 1990 Aug; 50(2):175–7. Comment on: Ann Thorac Surg 1990 Aug;50(2):230–7.

Preservation of myocardial function and biochemistry after blood and oxygenated crystalloid cardioplegia during cardiac arrest [see comments] Coetzee A, et al. **Ann Thorac Surg** 1990 Aug;50(2):230–7. Comment in: Ann Thorac Surg 1990 Aug;50(2):175–7.

Myocardial protection by retrograde cardioplegia in arterial switch operation. Yonenaga K, et al. **Ann Thorac Surg** 1990 Aug;50(2):238–42

The concentration of calcium in neonatal cardioplegia. Zweng TN, et al. **Ann Thorac Surg** 1990 Aug;50(2):262–7

Rapid cooling contracture of the myocardium. The adverse effect of prearrest cardiac hypothermia. Rebeyka IM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):240–9

Resection of nonrenal retroperitoneal tumors with large vena caval thrombi using cardiopulmonary bypass and hypothermic circulatory arrest. Angermeier KW, et al. **J Urol** 1990 Sep;144(3):735–9

HEART-ASSIST DEVICES

Temporary left ventricular assistance with a Hemopump assist device during acute myocardial infarction [letter] Jegaden O, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):311–3

HEART ATRIUM

Diagnosis of atrial situs by transesophageal echocardiography [see comments] Stümper OF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):442–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):447–50.

HEART AUSCULTATION

William P. Thompson, Samuel A. Levine—1935: systolic gallop sounds and mitral valve prolapse. Wooley CF. **Am Heart J** 1990 Aug;120(2):460–3

HEART BLOCK

Kearns-Sayre syndrome in the elderly: mitochondrial myopathy with advanced heart block. Kenny D, et al. **Am Heart J** 1990 Aug;120(2):440–3

Aspergillus myocarditis presenting as myocardial infarction with complete heart block. Rogers JG, et al. **Am Heart J** 1990 Aug;120(2):430–2

Combined atrioventricular block and sinus node dysfunction in Fabry's disease. Suzuki M, et al. **Am Heart J** 1990 Aug; 120(2):438–40

Sites of conduction block in accessory atrioventricular pathways. Basis for concealed accessory pathways. Kuck KH, et al. **Circulation** 1990 Aug;82(2):407–17

HEART CATHETERIZATION

Transcatheter closure of atrial septal defects [letter] Babic UU, et al. **Lancet** 1990 Sep 1;336(8714):566–7

Operator radiation exposure and cardiac catheterisation route [letter] Pipilis A, et al. **Lancet** 1990 Sep 1;336(8714):567–8

HEART CONDUCTION SYSTEM

The heart and conduction system in acute Kawasaki disease: report of fraternal cases—one lethal, one relapsing. Bharati S, et al. **Am Heart J** 1990 Aug;120(2):359–65

Quantification of human concealed atrioventricular nodal conduction: relation to ventricular response during atrial fibrillation. Fujiki A, et al. **Am Heart J** 1990 Sep; 120(3):598–603

Catheter ablation of Mahaim fibers with preservation of atrioventricular nodal conduction. Haissaguerre M, et al. **Circulation** 1990 Aug;82(2):418–27

False adrenergic transmitters and positron emission tomographic imaging of myocardial sympathetic innervation [comment] Kopin IJ. **Circulation** 1990 Aug; 82(2):646–8. Comment on: Circulation 1990 Aug;82(2):457–64.

Sites of conduction block in accessory atrioventricular pathways. Basis for concealed accessory pathways. Kuck KH, et al. **Circulation** 1990 Aug;82(2):407–17

Noninvasive evaluation of sympathetic nervous system in human heart by positron emission tomography [see comments] Schwaiger M, et al. **Circulation** 1990 Aug; 82(2):457–64. Comment in: Circulation 1990 Aug;82(2):646–8.

Long-term outcome in patients who survive out of hospital ventricular fibrillation and undergo electrophysiologic studies: evaluation by electrophysiologic subgroups [see comments] Poole JE, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):657–65. Comment in: J Am Coll Cardiol 1990 Sep;16(3):756–62.

The electrocardiogram in patients with multiple accessory atrioventricular pathways. Wellens HJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):745–51

HEART DEFECTS, CONGENITAL

Prolonged survival despite severe cyanosis in an adult with right ventricular hypoplasia and atrial septal defect. Karalis DG, et al. **Am Heart J** 1990 Sep;120(3):701–3

Accuracy of apical four-chamber view as screen for congenital heart disease [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):249–50

Use of the allograft aortic valved conduit. Campbell DN, et al. **Ann Thorac Surg** 1990 Aug;50(2):320–2

Cross sectional echocardiographic identification of hypoplastic left heart syndrome and differentiation from other causes of right ventricular overload. Ludman P, et al. **Br Heart J** 1990 Jun;63(6):355–61

Changing role of non-invasive investigation in the preoperative assessment of congenital heart disease: a nine year experience. Sreeram N, et al. **Br Heart J** 1990 Jun; 63(6):345–9

Isolated noncompaction of left ventricular myocardium. A study of eight cases. Chin TK, et al. **Circulation** 1990 Aug; 82(2):507–13

Role of neural crest in congenital heart disease. Kirby ML, et al. **Circulation** 1990 Aug;82(2):332–40 (44 ref.)

Transesophageal echocardiography in children: new peephole to the heart [comment] Ritter SB. **J Am Coll Cardiol** 1990 Aug;16(2):447–50 (46 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):442–6.

Malaligned outlet septum with subpulmonary ventricular septal defect and abnormal ventriculoarterial connection: a morphologic spectrum defined echocardiographically [see comments] Roberson DA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):459–68. Comment in: J Am Coll Cardiol 1990 Aug;16(2):469–70.

Transesophageal echocardiography in children with congenital heart disease: an initial experience. Stümper OF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):433–41

Complex conotruncal abnormalities with subpulmonary ventricular septal defect [editorial; comment] Williams RG. **J Am Coll Cardiol** 1990 Aug;16(2):469–70. Comment on: J Am Coll Cardiol 1990 Aug;16(2):459–68.

Iron deficiency in children with cyanotic congenital heart disease. West DW, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):266–8

Invited letter concerning: inferior vena cava-pulmonary artery extracardiac conduit [letter; comment] Doty DB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):313–4. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):228–32.

A modification of the Fontan procedure incorporating anomalies of systemic and pulmonary venous return. Julsrud PR, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):233–9

Inferior vena cava-pulmonary artery extracardiac conduit. A new form of right heart bypass [see comments] Marcelletti C, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):228–32. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):313–4.

Routine use of intraoperative epicardial echocardiography and Doppler color flow imaging to guide and evaluate repair of congenital heart lesions. A prospective study. Ungerleider RM, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):297–309

Enteral nutrition in infants with congenital heart disease and growth failure. Schwarz SM, et al. **Pediatrics** 1990 Sep; 86(3):368–73

HEART DISEASES

Systemic and regional hemodynamic effects of alpha-adrenoceptor blockade in chronic left ventricular dysfunction in the conscious dog. Carlyle PF, et al. **Am Heart J** 1990 Sep;120(3):619–24

Large atrial septal aneurysm mimicking a cystic right atrial mass. Smith AJ, et al. **Am Heart J** 1990 Sep;120(3):714–6

Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Aronow WS, et al. **Am J Cardiol** 1990 Aug 15;66(4):423–8

Left atrial air embolism during intraoperative needle biopsy of a deep pulmonary lesion. Worth ER, et al. **Anesthesiology** 1990 Aug;73(2):342–5

Dietary fibre. Heaton KW. **BMJ** 1990 Jun 9; 300(6738):1479–80 (47 ref.)

Sudden cardiac death in children [comment] Klitzner TS. **Circulation** 1990 Aug;82(2):629–32 (42 ref.). Comment on: Circulation 1990 Aug;82(2):341–9.
Assessment and follow-up of pediatric survivors of sudden cardiac death [see comments] Silka MJ, et al. **Circulation** 1990 Aug;82(2):341–9. Comment in: Circulation 1990 Aug;82(2):629–32.
Cardiac hydatid cyst in a child. Ben-Musa AA, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):409–11
Increased intracardiovascular clotting in patients with chronic atrial fibrillation. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):377–80
The effective treatment of postpericardiotomy syndrome after cardiac operations. A randomized placebo-controlled trial. Horneffer PJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):292–6
Selection of subjects in community studies [letter] Van Buren CT. **Mayo Clin Proc** 1990 Jul;65(7):1030
Cardiac embolism [letter] Lodder J. **Neurology** 1990 Aug; 40(8):1323

HEART ENLARGEMENT

Left ventricular pseudohypertrophy in pericardial effusion as a sign of cardiac tamponade. Di Segni E, et al. **Am J Cardiol** 1990 Aug 15;66(4):508–11
Improved prediction of left ventricular mass by regression analysis of body surface potential maps. Kornreich F, et al. **Am J Cardiol** 1990 Aug 15;66(4):485–92
Coenzyme Q10 and respiratory chain enzyme activities in hypertrophied human left ventricles with aortic valve stenosis. Maurer I, et al. **Am J Cardiol** 1990 Aug 15; 66(4):504–5
Tsk mice with genetic emphysema. Right ventricular hypertrophy occurs without hypertrophy of muscular pulmonary arteries or muscularization of arterioles. Martorana PA, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):333–7
Regression of hypertensive left ventricular hypertrophy and left ventricular diastolic function. Shahi M, et al. **Lancet** 1990 Aug 25;336(8713):458–61
The effect of cardiac hypertrophy on changes in cytosolic free calcium concentration during ischemia. del Nido PJ, et al. **Surgery** 1990 Aug;108(2):312–6; discussion 316–7

HEART FAILURE, CONGESTIVE

Sustained beneficial effect of a seventy-two hour intravenous infusion of nitroglycerin in patients with severe chronic congestive heart failure. Dupuis J, et al. **Am Heart J** 1990 Sep;120(3):625–37
Should complex ventricular arrhythmias in patients with congestive heart failure be treated? A protagonist's viewpoint. Anderson JL. **Am J Cardiol** 1990 Aug 15; 66(4):447–50 (30 ref.)
Nitrates are effective in the treatment of chronic congestive heart failure: the protagonist's view. Cohn JN. **Am J Cardiol** 1990 Aug 15;66(4):444–6 (30 ref.)
Effect of milrinone on ventricular arrhythmias in congestive heart failure. Ferrick KJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):431–4
Future perspectives in basic science understanding of congestive heart failure. Katz AM. **Am J Cardiol** 1990 Aug 15;66(4):468–71 (29 ref.)
Vasodilators have not been shown to be of value in all patients with chronic congestive heart failure due to left ventricular systolic dysfunction. Kulick DL, et al. **Am J Cardiol** 1990 Aug 15;66(4):435–8 (33 ref.)
All patients with left ventricular systolic dysfunction should be treated with an angiotensin-converting enzyme inhibitor: a protagonist's viewpoint. Massie BM. **Am J Cardiol** 1990 Aug 15;66(4):439–43 (29 ref.)
Are nitrates effective in the treatment of chronic heart failure? Antagonist's viewpoint. Packer M. **Am J Cardiol** 1990 Aug 15;66(4):458–61 (34 ref.)
Should asymptomatic ventricular arrhythmia in patients with congestive heart failure be treated? An antagonist's viewpoint. Podrid PJ, et al. **Am J Cardiol** 1990 Aug 15; 66(4):451–7 (34 ref.)
Future perspectives in the management of congestive heart failure. Poole-Wilson PA. **Am J Cardiol** 1990 Aug 15; 66(4):462–7 (33 ref.)
Secretion and clinical significance of atrial natriuretic peptide in patients with muscular dystrophy. Kawai H, et al. **Arch Neurol** 1990 Aug;47(8):900–4
Role of the sympathetic nervous system in heart failure: basic mechanisms and clinical directions. **Circulation** 1990 Aug; 82(2 Suppl):I1–113
Abnormalities of peripheral sympathetic nervous system control in congestive heart failure. Cohn JN. **Circulation** 1990 Aug;82(2 Suppl):I59–67 (64 ref.)
In vivo studies of myocardial beta-adrenergic receptor pharmacology in patients with congestive heart failure. Colucci WS. **Circulation** 1990 Aug;82(2 Suppl):I44–51 (34 ref.)
Effect of beta-adrenergic blockade on myocardial function and energetics in congestive heart failure. Improvements in hemodynamic, contractile, and diastolic performance with bucindolol. Eichhorn EJ, et al. **Circulation** 1990 Aug; 82(2):473–83
Mechanisms of abnormal transmembrane signaling of the beta-adrenergic receptor in congestive heart failure. Horn EM, et al. **Circulation** 1990 Aug;82(2 Suppl):I26–34
Alpha-adrenergic component of the sympathetic nervous system in congestive heart failure. Leier CV, et al. **Circulation** 1990 Aug;82(2 Suppl):I68–76 (116 ref.)
Sympathetic control of diastolic function in congestive heart failure. Walsh RA. **Circulation** 1990 Aug;82(2 Suppl):I52–8 (51 ref.)
Response of atrial natriuretic factor to postural change in patients with heart failure versus subjects with normal hemodynamics. Moe GW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):599–606
Xamoterol in severe heart failure [letter] Ikram H, et al. **Lancet** 1990 Aug 25;336(8713):517–8
Renal artery stenosis and peripheral vascular disease: implications for ACE inhibitor therapy [letter] Salmon P, et al. **Lancet** 1990 Aug 4;336(8710):321
Increased human brain natriuretic peptide in congestive heart failure [letter] Mukoyama M, et al. **N Engl J Med** 1990 Sep 13;323(11):757–8
Severe congestive heart failure and cardiomyopathy as a complication of myotonic dystrophy in pregnancy. Fall LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):481–5
The pulsatile portal vein in cases of congestive heart failure: correlation of duplex Doppler findings with right atrial pressures. Duerinckx AJ, et al. **Radiology** 1990 Sep; 176(3):655–8

HEART FUNCTION TESTS

Electrophysiological testing and nonsustained ventricular tachycardia. Use and limitations in patients with coronary artery disease and impaired ventricular function [see comments] Wilber DJ, et al. **Circulation** 1990 Aug; 82(2):350–8. Comment in: Circulation 1990 Aug;82(2):633–5.

HEART INJURIES

Three cases of fatal cardiac tamponade following ventricular endocardial biopsy. Craven CM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):836–9
Late sequelae of penetrating cardiac injuries. Demetriades D, et al. **Br J Surg** 1990 Jul;77(7):813–4

HEART-LUNG TRANSPLANTATION

Lung function associated with histologically diagnosed acute lung rejection and pulmonary infection in heart-lung transplant patients. Otulana BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):329–32
Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Kramer MR, et al. **Ann Intern Med** 1990 Aug 15;113(4):327–9
Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Pillai R, et al. **Ann Thorac Surg** 1990 Aug;50(2):211–4
Importance of chronic aspiration in recipients of heart-lung transplants. Reid KR, et al. **Lancet** 1990 Jul 28; 336(8709):206–8

HEART MASSAGE

Closed chest cardiac massage [letter] **Ann Thorac Surg** 1990 Aug;50(2):331–3

HEART NEOPLASMS

Detection of intracavitary right ventricular polypoid masses due to metastatic lymphoma using contrast echocardiography. Schmidt DR, et al. **Am Heart J** 1990 Aug;120(2):446–9
Metastatic renal cell carcinoma. An unusual cause of syncope. Fogel RI, et al. **Chest** 1990 Aug;98(2):481–2
Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Suginami H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):527–9

HEART RATE

Autonomic nervous system activity during myocardial ischemia in man estimated by power spectral analysis of heart period variability. The Multicenter Study of Silent Myocardial Ischemia Investigators. Bigger JT Jr, et al. **Am J Cardiol** 1990 Aug 15;66(4):497–8
Sinusoidal fetal heart rate pattern during cardiopulmonary bypass. Burke AB, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):17–8
Fetal heart rate monitoring during cesarean section [letter] Dunn LK. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):253
Hemodynamic status susceptible to slowing of heart rate during thermodilution cardiac output determination in anesthetized patients. Nishikawa T, et al. **Crit Care Med** 1990 Aug;18(8):841–4

HEART RATE, FETAL

The biophysical profile in labor. Sassoon DA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):360–5

HEART RUPTURE

Transesophageal echocardiographic diagnosis of papillary muscle rupture complicating acute myocardial infarction. Stoddard MF, et al. **Am Heart J** 1990 Sep;120(3):690–2
Isolated rupture of the right ventricle in a patient with acute inferior wall MI. Woldow AB, et al. **Chest** 1990 Aug; 98(2):484–5
Cardiac rupture, mortality and the timing of thrombolytic therapy: a meta-analysis. Honan MB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):359–67
Cardiac rupture and fibrinolytic therapy [letter] Rogers TK, et al. **Lancet** 1990 Jul 28;336(8709):259–60

HEART SEPTAL DEFECTS

Atrioventricular septal defect correction caveats [letter] Sissman NJ. **Am J Dis Child** 1990 Aug;144(8):849–50

HEART SEPTAL DEFECTS, ATRIAL

Superior vena cava syndrome following pacemaker insertion post atrial septal defect repair. Angeli SJ. **Am Heart J** 1990 Aug;120(2):433–5
Prolonged survival despite severe cyanosis in an adult with right ventricular hypoplasia and atrial septal defect. Karalis DG, et al. **Am Heart J** 1990 Sep;120(3):701–3
Transcatheter closure of atrial septal defects [letter] Babic UU, et al. **Lancet** 1990 Sep 1;336(8714):566–7
Right-to-left shunt and neurological decompression sickness in divers [letter] Cross SJ, et al. **Lancet** 1990 Sep 1; 336(8714):568

HEART SEPTAL DEFECTS, VENTRICULAR

Congenital absence of the pulmonary valve, intact interventricular septum, and patent ductus arteriosus: management in a newborn infant. Lau KC, et al. **Am Heart J** 1990 Sep;120(3):711–4 (8 ref.)
Acute ventricular septal rupture: perspectives on the current role of ventriculography and coronary arteriography and their implication for surgical repair. Topaz O, et al. **Am Heart J** 1990 Aug;120(2):412–7 (31 ref.)
The probability of detecting a subaortic ridge in children with ventricular septal defect or coarctation of the aorta. Cassidy SC, et al. **Am J Cardiol** 1990 Aug 15;66(4):505–8

HEART SEPTUM

Echocardiographic diagnosis of unruptured aneurysm of the sinus of Valsalva dissecting into the ventricular septum. Dev V, et al. **Am J Cardiol** 1990 Aug 15;66(4):502–3

HEART SURGERY

Atrioventricular septal defect correction caveats [letter] Sissman NJ. **Am J Dis Child** 1990 Aug;144(8):849–50
Asymptomatic pituitary adenomas [letter] Gandola C. **Ann Intern Med** 1990 Sep 15;113(6):482
A fiber-optic retractor for harvesting the internal mammary artery. Angelini GD, et al. **Ann Thorac Surg** 1990 Aug; 50(2):314–5
Uncomfortable issues [editorial; comment] Edmunds LH Jr. **Ann Thorac Surg** 1990 Aug;50(2):173–4. Comment on: Ann Thorac Surg 1990 Aug;50(2):226–9.
Is systemic cooling essential for open heart surgery? [letter] Victor S, et al. **Ann Thorac Surg** 1990 Aug;50(2):334–5
The surgically denervated, transplanted human heart [comment] Bristow MR. **Circulation** 1990 Aug;82(2):658–60 . Comment on: Circulation 1990 Aug;82(2):620–3.
Right atrial compression in postoperative cardiac patients: detection by transesophageal echocardiography. Kochar GS, et al. **J Am Coll Cardiol** 1990 Aug;16(2):511–6
Platelet-rich plasma reduces postoperative blood loss after cardiopulmonary bypass. DelRossi AJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):281–6
The effective treatment of postpericardiotomy syndrome after cardiac operations. A randomized placebo-controlled trial. Horneffer PJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):292–6
Rapid sustained recovery after cardiac operations. Krohn BG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):194–7
Esmolol for treatment of intraoperative tachycardia and/or hypertension in patients having cardiac operations. Bolus loading technique. Reves JG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):221–7

HEART TRANSPLANTATION

Reversal of constrictive/restrictive physiology with treatment of allograft rejection. Seacord LM, et al. **Am Heart J** 1990 Aug;120(2):455–9
Effect of plasma volume expansion on hemodynamics and atrial natriuretic factor release in heart-transplant recipients. Dussaule JC, et al. **Am J Cardiol** 1990 Aug 15; 66(4):477–83
Visceral bacillary epithelioid angiomatosis: possible manifestations of disseminated cat scratch disease in the immunocompromised host: a report of two cases. Kemper CA, et al. **Am J Med** 1990 Aug;89(2):216–22
Postpartum coronary artery dissection followed by heart transplantation. Curiel P, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):538–9
Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Kramer MR, et al. **Ann Intern Med** 1990 Aug 15;113(4):327–9

Atherosclerosis in a donor heart [letter] Miller GL. **Ann Intern Med** 1990 Sep 15;113(6):484
Use of potentially infected donor hearts for cardiac transplantation. Lammermeier DE, et al. **Ann Thorac Surg** 1990 Aug;50(2):222-5
Pediatric heart transplantation [letter] Smyth RL, et al. **Ann Thorac Surg** 1990 Aug;50(2):333
The surgically denervated, transplanted human heart [comment] Bristow MR. **Circulation** 1990 Aug;82(2):658-60 . Comment on: Circulation 1990 Aug;82(2):620-3.
Myocardial catecholamine content after heart transplantation [see comments] Regitz V, et al. **Circulation** 1990 Aug; 82(2):620-3. Comment in: Circulation 1990 Aug;82(2):658-60.
Cyclosporine-induced sympathetic activation and hypertension after heart transplantation [see comments] Scherrer U, et al. **N Engl J Med** 1990 Sep 13;323(11):693-9 . Comment in: N Engl J Med 1990 Sep 13;323(11):748-50.
Organs for transplantation: analysis of 27,000 cadaveric donor organs. Peters TG, et al. **South Med J** 1990 Aug; 83(8):889-92
Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival. Kamei T, et al. **Surgery** 1990 Aug;108(2):415-21; discussion 421-2
Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Lazar HL, et al. **Surgery** 1990 Aug;108(2):423-9; discussion 429-30
Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatibility complex. Wasfie T, et al. **Surgery** 1990 Aug;108(2):431-40; discussion 440-1

HEART VALVE DISEASES

Echocardiographic abnormalities in type IV mucopolysaccharidosis. John RM, et al. **Arch Dis Child** 1990 Jul;65(7):746-9
Geleophysic dysplasia: a storage disorder affecting the skin, bone, liver, heart, and trachea. Shohat M, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):227-32
Ten-year follow-up after valve replacement with the St. Jude Medical prosthesis in children. Harada Y, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):175-80
Lack of association between anticardiolipin antibodies and heart valve disease in Chinese patients with systemic lupus erythematosus [letter] Li EK, et al. **Lancet** 1990 Aug 25; 336(8713):504-5

HEART VALVE PROSTHESIS

Effect of mitral valve prosthetic surgery on the outcome of a growth-retarded fetus. A case report. Izquierdo LA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):584-6
Severe aortic stenosis in octogenarians: is operation an acceptable alternative? [see comments] Deleuze P, et al. **Ann Thorac Surg** 1990 Aug;50(2):226-9. Comment in: Ann Thorac Surg 1990 Aug;50(2):173-4.
Risks of blood exposure to the cardiac surgical team. Pate JW. **Ann Thorac Surg** 1990 Aug;50(2):248-50
Cardiac valve prostheses at autopsy. Zeien LB, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):933-7
Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine. Joyce W, et al. **Br Heart J** 1990 Jun;63(6):370-1
Flow characteristics of bioprosthetic heart valves. Rashtian MY, et al. **Chest** 1990 Aug;98(2):365-75
Validation and applications of indexed aortic prosthetic valve areas calculated by Doppler echocardiography. Dumesnil JG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):637-43
Invited letter concerning: stentless porcine aortic bioprosthesis [letter] Angell WW. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):317
A comparison of repair and replacement for mitral stenosis with partially calcified valve. Eguaras MG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):161-6
Ten-year follow-up after valve replacement with the St. Jude Medical prosthesis in children. Harada Y, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):175-80
Rest and exercise hemodynamics of 20 to 23 mm allograft, Medtronic Intact (porcine), and St. Jude Medical valves in the aortic position. Jaffe WM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):167-74
Anticoagulation and prosthetic heart valves [letter] Brown J, et al. **N Engl J Med** 1990 Sep 13;323(11):756-7
Tracheobronchial calcification: an observation in three children after mitral valve replacement and warfarin sodium therapy. Taybi H, et al. **Radiology** 1990 Sep; 176(3):728-30
Microangiopathic hemolytic anemia as the initial manifestation of porcine valve failure. Enzenauer RJ, et al. **South Med J** 1990 Aug;83(8):912-7 (31 ref.)

HEART VENTRICLE

Three cases of fatal cardiac tamponade following ventricular endocardial biopsy. Craven CM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):836-9
Q waves in hypertrophic cardiomyopathy in relation to the distribution and severity of right and left ventricular hypertrophy [see comments] Lemery R, et al. **J Am Coll Cardiol** 1990 Aug;16(2):368-74. Comment in: J Am Coll Cardiol 1990 Aug;16(2):375-6.
Abnormal cardiac function in the streptozotocin-diabetic rat. Changes in active and passive properties of the left ventricle. Litwin SE, et al. **J Clin Invest** 1990 Aug; 86(2):481-8
Effects of chronic growth hormone hypersecretion on intrinsic contractility, energetics, isomyosin pattern, and myosin adenosine triphosphatase activity of rat left ventricle. Timsit J, et al. **J Clin Invest** 1990 Aug; 86(2):507-15

HEAT

An unusual cause of gas pipeline failure [letter] Ewart IA. **Anaesthesia** 1990 Jun;45(6):498
Skin-surface warming: heat flux and central temperature. Sessler DI, et al. **Anesthesiology** 1990 Aug;73(2):218-24
Heat shock induction of HIV production from chronically infected promonocytic and T cell lines. Stanley SK, et al. **J Immunol** 1990 Aug 15;145(4):1120-6
Effect of inhaling heated vapor on symptoms of the common cold. Macknin ML, et al. **JAMA** 1990 Aug 22-29; 264(8):989-91

HEAT EXHAUSTION

Compensation for heat-illness death, USA. Brahams D. **Lancet** 1990 Aug 4;336(8710):303

HEAT-SHOCK PROTEINS

Elevated antibody levels to mycobacterial 65-kDa stress protein in patients with superficial candidiasis. Ivanyi L, et al. **J Infect Dis** 1990 Aug;162(2):519-22

HELMINTHS

Paramyosin as helminth vaccine candidate [letter] Kantha SS. **Lancet** 1990 Aug 4;336(8710):320

HELPER CELLS

Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Grimfors G, et al. **Blood** 1990 Aug 1; 76(3):583-9
Cellular control of IgE induction by a polyphenol-rich compound. Preferential activation of Th2 cells. Baum CG, et al. **J Immunol** 1990 Aug 1;145(3):779-84
Intraintestinal migration to the epithelium of protective, dividing, anti-Trichinella spiralis CD4+ OX22- cells requires MHC class II compatibility. Wang CH, et al. **J Immunol** 1990 Aug 1;145(3):1021-8

HEMAGGLUTINATION TESTS

Serodiagnosis of tuberculosis using an ELISA with antigen 5 and a hemagglutination assay with glycolipid antigens. Results in patients with newly diagnosed pulmonary tuberculosis ranging in extent of disease from minimal to extensive. Chan SL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):385-9

HEMANGIOENDOTHELIOMA

Alveolar hemorrhage with epithelioid hemangioendothelioma. A previously unreported manifestation of a rare tumor. Carter EJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):700-1
Neoplastic angioendotheliomatosis. Raroque HG Jr, et al. **Arch Neurol** 1990 Aug;47(8):929-30
Hemangioma and malignant hemangioendothelioma of the maxillary sinus: case reports and clinical consideration. Yasuoka T, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):877-81 (16 ref.)

HEMANGIOMA

Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Bardeguez A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):42-5
Primary mediastinal leiomyoma. Shaffer K, et al. **Ann Thorac Surg** 1990 Aug;50(2):301-2
The Kasabach-Merritt syndrome: treatment with intermittent pneumatic compression. Aylett SE, et al. **Arch Dis Child** 1990 Jul;65(7):790-1
Cardiopulmonary bypass for resection of low tracheal haemangioma. Franks R, et al. **Arch Dis Child** 1990 Jun; 65(6):630-2
Ossifying hemangioma of the temporal bone. Gavilán J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):965-7
Complex hemangiomas of infants and children. Individualized management in 22 cases. Weber TR, et al. **Arch Surg** 1990 Aug;125(8):1017-20; discussion 1020-1
Haemangioma in a cervical lymph node. Har-El G, et al. **J Laryngol Otol** 1990 Jun;104(6):513-5
Spontaneous resolution of multiple hemangiomas of the brain. Case report. Abe M, et al. **J Neurosurg** 1990 Sep; 73(3):448-52
Hemangioma and malignant hemangioendothelioma of the maxillary sinus: case reports and clinical consideration. Yasuoka T, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):877-81 (16 ref.)
Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Graham D, et al. **Lancet** 1990 Sep 1;336(8714):574

HEMANGIOMA, CAVERNOUS

Prenatal diagnosis of a chest wall mass with ultrasonography and Doppler velocimetry. A case report. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):567-9
Enchondromatosis and hemangioma (Maffucci's syndrome) with orbital involvement. Johnson TE, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):153-9
Occult cerebrovascular malformations: follow-up with MR imaging. Sigal R, et al. **Radiology** 1990 Sep;176(3):815-9
Excisional therapy for benign hepatic lesions. Iwatsuki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):240-6

HEMANGIOSARCOMA

Low back pain as the presenting symptom of metastatic angiosarcoma. Braker A, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):180-3

HEMARTHROSIS

Traumatic haemarthrosis causing femoral head subluxation. Gopalakrishnan KC, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):554-6

HEMATOLOGIC TESTS

New whole-blood testing for laboratory support of critical care at cardiac transplant centers and US hospitals. Kost GJ, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):865-8
The impact of whole-blood testing on response time. A challenge for the new College of American Pathologists Q-Probes program. Kost GJ. **Arch Pathol Lab Med** 1990 Sep;114(9):921-2

HEMATOLOGY

The extent of transfusion medicine education during the fourth year at U.S. and Canadian medical schools. Fang WL, et al. **Acad Med** 1990 Jun;65(6):419

HEMATOMA

Large intrauterine haematoma in threatened miscarriage. Frequency and clinical consequences [letter] Oláh KS, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):552-3
Retroperitoneal haematoma following orchidectomy: implications for staging computed tomography. Page JE, et al. **Br J Radiol** 1990 Jun;63(750):490-2
Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Russell SA, et al. **Br J Radiol** 1990 Jun;63(750):492-4
Right atrial compression in postoperative cardiac patients: detection by transesophageal echocardiography. Kochar GS, et al. **J Am Coll Cardiol** 1990 Aug;16(2):511-6

HEMATOMA, SUBDURAL

Chronic subdural hematoma. Another babywalker-stairs related injury. DiMario FJ Jr. **Clin Pediatr (Phila)** 1990 Jul;29(7):405-8
Central cord syndrome due to a spontaneously regressive spinal subdural hematoma. Mavroudakis N, et al. **Neurology** 1990 Aug;40(8):1306-8

HEMATOPOIESIS

Effects of recombinant human interleukin-3 in patients with normal hematopoiesis and in patients with bone marrow failure. Ganser A, et al. **Blood** 1990 Aug 15;76(4):666-76
A comparison of treatment of canine cyclic hematopoiesis with recombinant human granulocyte-macrophage colony-stimulating factor (GM-CSF), G-CSF interleukin-3, and canine G-CSF. Hammond WP, et al. **Blood** 1990 Aug 1;76(3):523-32

HEMATOPOIETIC STEM CELLS

The effects of tumor necrosis factor-alpha on early human hematopoietic progenitor cells treated with 4-hydroperoxycyclophosphamide. Moreb J, et al. **Blood** 1990 Aug 15;76(4):681-9
Recombinant human granulocyte colony-stimulating factor accelerates hematopoietic recovery after DLA-identical littermate marrow transplants in dogs. Schuening FG, et al. **Blood** 1990 Aug 1;76(3):636-40
The action of bryostatin on normal human hematopoietic progenitors is mediated by accessory cell release of growth factors. Sharkis SJ, et al. **Blood** 1990 Aug 15;76(4):716-20
Detection of the target progenitor cells of granulomonopoietic enhancing activity. Wang SY, et al. **Blood** 1990 Aug 1;76(3):495-500
Association of Ig L chain-like protein lambda 5 with a 16-kilodalton protein in mouse pre-B cell lines is not dependent on the presence of Ig H chain protein. Misener V, et al. **J Immunol** 1990 Aug 1;145(3):905-9

HEMATOPOIETIC SYSTEM

Effects of recombinant human granulocyte colony-stimulating factor on the hematologic recovery and survival of irradiated mice. Tanikawa S, et al. **Blood** 1990 Aug 1;76(3):445-9

Antigenic challenge of immunized mice induces endogeneous production of IL-3 that increases histamine synthesis in hematopoietic organs. Lebel B, et al. **J Immunol** 1990 Aug 15;145(4):1222-6

HEMATOPORPHYRINS

RE: Complications of whole bladder dihematoporphyrin ether photodynamic therapy [letter] **J Urol** 1990 Sep; 144(3):750-1

HEMATURIA

Screening for asymptomatic bacteriuria, hematuria and proteinuria. The U.S. Preventive Services Task Force. **Am Fam Physician** 1990 Aug;42(2):389-95 (70 ref.)

Multiple myeloma of the bladder and vagina. Weide R, et al. **Cancer** 1990 Sep 1;66(5):989-91

Incidence of thin membrane nephropathy: morphometric investigation of a population sample. Dische FE, et al. **J Clin Pathol** 1990 Jun;43(6):457-60

Thin-membrane nephropathy—how thin is thin? **Lancet** 1990 Aug 25;336(8713):469-70 (12 ref.)

HEMIPLEGIA

Shoulder pain in hemiplegia. The role of exercise. Kumar R, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):205-8

Painful shoulder in the hemiplegic and unilateral neglect. Poulin de Courval L, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):673-8

HEMOCHROMATOSIS

Studies with the haeme oxygenase inhibitor Sn-protoporphyrin in patients with primary biliary cirrhosis and idiopathic haemochromatosis. Berglund L, et al. **Gut** 1990 Aug;31(8):899-904

Porphyria cutanea tarda and haemochromatosis: a family study. Seymour DG, et al. **Gut** 1990 Jun;31(6):719-21

Extreme hyperferremia in two instances of hemochromatosis with notes on the treatment of one patient by means of repeated venesection. 1952 [classical article] Howard RB, et al. **J Lab Clin Med** 1990 Jul;116(1):121-32

HEMOCYANIN

Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. Flamm J, et al. **J Urol** 1990 Aug;144(2 Pt 1):260-3

HEMODIALYSIS

Systemic lupus erythematosus: analysis of disease activity in 55 patients with end-stage renal failure treated with hemodialysis or continuous ambulatory peritoneal dialysis. Dutch Working Party on SLE. Nossent HC, et al. **Am J Med** 1990 Aug;89(2):169-74

Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. Koppensteiner R, et al. **BMJ** 1990 Jun 23;300(6740):1626-7

Erythropoietin, aluminium, and anaemia in patients on haemodialysis [letter] Piazza V, et al. **Lancet** 1990 Jul 28; 336(8709):255-6

HEMODYNAMICS

Systemic and regional hemodynamic effects of alpha-adrenoceptor blockade in chronic left ventricular dysfunction in the conscious dog. Carlyle PF, et al. **Am Heart J** 1990 Sep;120(3):619-24

Influence of beta-adrenergic blockade upon hemodynamic response to exercise assessed by Doppler echocardiography. Clifton GD, et al. **Am Heart J** 1990 Sep;120(3):579-85

Effect of altered flow on mitral valve anulus in dogs. Vandenberg BF, et al. **Am J Cardiol** 1990 Aug 15; 66(4):515-7

Effects of propranolol on arterial oxygenation and oxygen transport to tissues in patients with cirrhosis. Agusti AG, et al. **Am Rev Respir Dis** 1990 Aug;142(2):306-10

Cardiovascular actions of common anesthetic adjuvants during desflurane (I-653) and isoflurane anesthesia in swine. Weiskopf RB, et al. **Anesth Analg** 1990 Aug;71(2):144-8

Clinical assessment of hemodynamic values in two surgical intensive care units. Effects on therapy. Celoria G, et al. **Arch Surg** 1990 Aug;125(8):1036-9

Cardiovascular and neurohumoral responses following burn injury. Crum RL, et al. **Arch Surg** 1990 Aug;125(8):1065-9

Flow characteristics of bioprosthetic heart valves. Rashtian MY, et al. **Chest** 1990 Aug;98(2):365-75

A hemodynamically responsive antitachycardia system. Development and basis for design in humans. Cohen TJ, et al. **Circulation** 1990 Aug;82(2):394-406

Determinants of hemodynamic compromise with severe right ventricular infarction. Goldstein JA, et al. **Circulation** 1990 Aug;82(2):359-68

Hemodynamic effects of atrial natriuretic factor in young and elderly subjects. Jansen TL, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):179-88

Hemodynamic status susceptible to slowing of heart rate during thermodilution cardiac output determination in anesthetized patients. Nishikawa T, et al. **Crit Care Med** 1990 Aug;18(8):841-4

Relationship between cardiac output and cerebral blood flow in patients with intact and with impaired autoregulation. Bouma GJ, et al. **J Neurosurg** 1990 Sep;73(3):368-74

Rest and exercise hemodynamics of 20 to 23 mm allograft, Medtronic Intact (porcine), and St. Jude Medical valves in the aortic position. Jaffe WM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):167-74

Acute and chronic effects of exercise using an Exercycle in healthy, untrained adults. Cunningham LN, et al. **Phys Ther** 1990 Aug;70(8):494-502

Cardiovascular responses to isokinetic trunk exercise. Peel C, et al. **Phys Ther** 1990 Aug;70(8):503-10

Mechanical cardiac actuation achieves hemodynamics similar to cardiopulmonary bypass. Anstadt MP, et al. **Surgery** 1990 Aug;108(2):442-9; discussion 449-51

HEMOFILTRATION

Correction of hypernatraemia with continuous arteriovenous haemodiafiltration. Moss GD, et al. **Arch Dis Child** 1990 Jun;65(6):628-30

Continuous arteriovenous hemofiltration/dialysis improves pulmonary gas exchange in children with multiple organ system failure. DiCarlo JV, et al. **Crit Care Med** 1990 Aug; 18(8):822-6

Clearance of toxic metabolites during therapy for inborn errors of metabolism [letter] Ring E, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):349-50

Failure of CAVH to remove digoxin-Fab complex in piglets. Quaife EJ, et al. **J Toxicol Clin Toxicol** 1990;28(1):61-8

HEMOGLOBIN C DISEASE

Pregnancy complicated by hemoglobin CC and C-beta-thalassemia disease. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):324-7

HEMOGLOBINS

Use of benzidine for histological demonstration of haemoglobin in human bite marks. Allison RT, et al. **J Clin Pathol** 1990 Jul;43(7):600-3

HEMOGLOBINS, ABNORMAL

Detection of the hemoglobin E mutation using the color complementation assay: application to complex genotyping. Embury SH, et al. **Blood** 1990 Aug 1;76(3):619-23

HEMOLYTIC-UREMIC SYNDROME

Haemolytic uraemic syndromes in the British Isles, 1985-8: association with verocytotoxin producing Escherichia coli. Part 2: Microbiological aspects. Kleanthous H, et al. **Arch Dis Child** 1990 Jul;65(7):722-7

New insights into the haemolytic uraemic syndromes. Milford DV, et al. **Arch Dis Child** 1990 Jul;65(7):713-5 (29 ref.)

Haemolytic uraemic syndromes in the British Isles 1985-8: association with verocytotoxin producing Escherichia coli. Part 1: Clinical and epidemiological aspects. Milford DV, et al. **Arch Dis Child** 1990 Jul;65(7):716-21

Renal functional reserve compared in haemolytic uraemic syndrome and single kidney. Perelstein EM, et al. **Arch Dis Child** 1990 Jul;65(7):728-31

Escherichia coli O157:H7 and the hemolytic uremic syndrome: importance of early cultures in establishing the etiology. Tarr PI, et al. **J Infect Dis** 1990 Aug;162(2):553-6

HEMOPHILIA

Infection with human immunodeficiency virus and vulnerability to psychiatric distress. A study of men with hemophilia. Dew MA, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):737-44

Rapid assessment of haemophilia A carrier state by non-invasive techniques using the polymerase chain reaction. Ball J, et al. **J Clin Pathol** 1990 Jun;43(6):505-7

Haemophilic AIDS patient loses claim in Australia [news] Brahams D. **Lancet** 1990 Jul 28;336(8709):238-9

HEMOPTYSIS

Alveolar hemorrhage with epithelioid hemangioendothelioma. A previously unreported manifestation of a rare tumor. Carter EJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):700-1

Diagnostic studies in catamenial hemoptysis [editorial] Guidry GG, et al. **Chest** 1990 Aug;98(2):260-1

HEMORRHAGE

Cervical prevertebral fat stripe: a normal variant simulating prevertebral hemorrhage. Lewis CA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):559-60

Determinants of hemorrhagic infarcts. Histologic observations from experiments involving coronary occlusion, coronary reperfusion, and reocclusion. Garcia-Dorado D, et al. **Am J Pathol** 1990 Aug; 137(2):301-11

Internal jugular catheterisation. Case report of a potentially fatal hazard. Powell H, et al. **Anaesthesia** 1990 Jun; 45(6):458-9

Asymptomatic pituitary adenomas [letter] Gandola C. **Ann Intern Med** 1990 Sep 15;113(6):482

Acute tender nodules in a linear arrangement. Granulation tissue with hemorrhage. Forman AB, et al. **Arch Dermatol** 1990 Aug;126(8):1091, 1094-5

Corticosterone, but not glucose, treatment enables fasted adrenalectomized rats to survive moderate hemorrhage. Darlington DN, et al. **Endocrinology** 1990 Aug; 127(2):766-72

Fed, but not fasted, adrenalectomized rats survive the stress of hemorrhage and hypovolemia. Darlington DN, et al. **Endocrinology** 1990 Aug;127(2):759-65

Perioperative blood loss associated with total knee arthroplasty. A comparison of procedures performed with and without cementing. Mylod AG Jr, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1010-2

Fibrinolysis and the bleeding tendency in patients with hepatosplenic schistosomiasis. Omran SA, et al. **J Clin Pathol** 1990 Jun;43(6):476-8

Packing and planned reexploration for hepatic and retroperitoneal hemorrhage: critical refinements of a useful technique. Cué JI, et al. **J Trauma** 1990 Aug;30(8):1007-11; discussion 1011-3

Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Ertel W, et al. **Surgery** 1990 Aug;108(2):154-9; discussion 159-60

HEMORRHAGIC FEVER, EPIDEMIC

Hemorrhagic fever with renal syndrome imported to Hawaii from West Germany. Bruno P, et al. **Am J Med** 1990 Aug; 89(2):232-4

The protean manifestations of hemorrhagic fever with renal syndrome. A retrospective review of 26 cases from Korea. Bruno P, et al. **Ann Intern Med** 1990 Sep 1;113(5):385-91

Hantavirus disease. **Lancet** 1990 Aug 18;336(8712):407-8 (24 ref.)

HEMORRHOIDS

Analgesia after haemorrhoidectomy [letter] Severn AM, et al. **Anaesthesia** 1990 Jul;45(7):597-8

HEMOSTASIS

Fibrin polymerization and its regulatory role in hemostasis. Mosesson MW. **J Lab Clin Med** 1990 Jul;116(1):8-17 (132 ref.)

HEMOSTASIS, SURGICAL

Hemostatic technique for internal mammary artery anastomotic bleeding. Bhattacharyya SS, et al. **Ann Thorac Surg** 1990 Aug;50(2):316-7

Paraplegia associated with the use of oxidized cellulose in posterolateral thoracotomy incisions [see comments] Short HD. **Ann Thorac Surg** 1990 Aug;50(2):288-9; discussion 290. Comment in: Ann Thorac Surg 1990 Aug;50(2):178.

Paraplegia associated with thoracotomy [editorial; comment] Walker WE. **Ann Thorac Surg** 1990 Aug;50(2):178. Comment on: Ann Thorac Surg 1990 Aug;50(2):288-9; discussion 290.

Prophylaxis for post-perfusion CABG bleeding [letter] Jones RE, et al. **Chest** 1990 Aug;98(2):516-7

Diathermy haemostasis at tonsillectomy: current practice—a survey of U.K. otolaryngologists. Murty GE, et al. **J Laryngol Otol** 1990 Jul;104(7):549-52

Platelet-rich plasma reduces postoperative blood loss after cardiopulmonary bypass. DelRossi AJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):281-6

Caudal epidural anesthesia reduces blood loss during hypospadias repair. Gunter JB, et al. **J Urol** 1990 Aug;144(2 Pt 2):517-9; discussion 530

The role of desmopressin in reducing blood loss during lumbar fusions. Johnson RG, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):223-6

Tourniquet technique for reduced blood loss and wound assessment during excisions of burn wounds of the extremity. Marano MA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):249-50

HEMOSTATIC TECHNICS

Packing and planned reexploration for hepatic and retroperitoneal hemorrhage: critical refinements of a useful technique. Cué JI, et al. **J Trauma** 1990 Aug;30(8):1007-11; discussion 1011-3

HEPARIN

Heparin modulates the composition of the extracellular matrix domain surrounding arterial smooth muscle cells. Snow AD, et al. **Am J Pathol** 1990 Aug;137(2):313-30

Heparin-stimulated inhibition of factor IXa generation and factor IXa neutralization in plasma. Pieters J, et al. **Blood** 1990 Aug 1;76(3):549-54
Heparin-resistant thrombus formation by endovascular stents in baboons. Interruption by a synthetic antithrombin. Krpski WC, et al. **Circulation** 1990 Aug;82(2):570-7
Inactivation of heparin during extracorporeal circulation in infants. Green TP, et al. **Clin Pharmacol Ther** 1990 Aug; 48(2):148-54
Prevention of venous thrombosis after total knee arthroplasty. Comparison of antithrombin III and low-dose heparin with dextran. Francis CW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):976-82
Complications of heparin therapy after total joint arthroplasty [letter] Wilson MG, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1114
Inhibition of growth and angiogenesis of human neurofibrosarcoma by heparin and hydrocortisone. Lee JK, et al. **J Neurosurg** 1990 Sep;73(3):429-35
Low dose intravesical heparin as prophylaxis against recurrent noninvasive (stage Ta) bladder cancer. Bitsch M, et al. **J Urol** 1990 Sep;144(3):635-6
GISSI-2: 10% reduction in mortality with heparin in acute myocardial infarction? [letter] Collins R, et al. **Lancet** 1990 Aug 18;336(8712):439-40
GISSI-2 and the heparin controversy. White HD. **Lancet** 1990 Aug 4;336(8710):297-8
A functional model of microvascular thrombosis. Davidson SF, et al. **Plast Reconstr Surg** 1990 Sep;86(3):579-81
Predicting failure of low-dose prophylactic heparin in general surgical procedures. Wille-Jørgensen P, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):126-30

HEPARIN ANTAGONISTS

Inactivation of heparin during extracorporeal circulation in infants. Green TP, et al. **Clin Pharmacol Ther** 1990 Aug; 48(2):148-54

HEPARIN, LOW MOLECULAR WEIGHT

Low molecular weight heparins and hypoaldosteronism. Levesque H, et al. **BMJ** 1990 Jun 2;300(6737):1437-8

HEPATECTOMY

Decreased morbidity and mortality rates in surgical patients with hepatocellular carcinoma. Matsumata T, et al. **Br J Surg** 1990 Jun;77(6):677-80
Provocation of massive hepatic necrosis by endotoxin after partial hepatectomy in rats. Mochida S, et al. **Gastroenterology** 1990 Sep;99(3):771-7
Resection of the caudate lobe of the liver. Lerut J, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):160-2

HEPATIC ARTERY

Color Doppler sonography of the hepatic artery and portal venous system. Ralls PW. **AJR Am J Roentgenol** 1990 Sep; 155(3):517-25
Current trends in the diagnosis and treatment of hepatic artery aneurysms. Blue JM, et al. **South Med J** 1990 Aug; 83(8):966-9 (10 ref.)

HEPATIC DUCT, COMMON

Management of the Mirizzi syndrome and the surgical implications of cholecystcholedochal fistula. Baer HU, et al. **Br J Surg** 1990 Jul;77(7):743-5
Truncoumbilical bypass of the portal vein in radical resection of biliary tract tumour involving the hepatic duct confluence. Kumada K, et al. **Br J Surg** 1990 Jul; 77(7):749-51
Operative strategy in Mirizzi syndrome. Dewar G, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):157-9

HEPATIC ENCEPHALOPATHY

Successful use of vancomycin hydrochloride in the treatment of lactulose resistant chronic hepatic encephalopathy. Tarao K, et al. **Gut** 1990 Jun;31(6):702-6
Endogenous steroids and pathogenesis of hepatic encephalopathy [letter] Zaman SH. **Lancet** 1990 Sep 1; 336(8714):573-4

HEPATIC VEIN THROMBOSIS

Current management of the Budd-Chiari syndrome. Klein AS, et al. **Ann Surg** 1990 Aug;212(2):144-9
Acute Budd-Chiari syndrome with hepatic failure and obstruction of the inferior vena cava as presenting manifestations of hereditary protein C deficiency. Bourlière M, et al. **Gut** 1990 Aug;31(8):949-52
Hepatic inferior vena cava obstruction: treatment of two types with Gianturco expandable metallic stents [see comments] Furui S, et al. **Radiology** 1990 Sep;176(3):665-70
Comment in: Radiology 1990 Sep;176(3):620-1.
Percutaneous transcatheter stent placement [editorial; comment] Wright KC. **Radiology** 1990 Sep;176(3):620-1.
Comment on: Radiology 1990 Sep;176(3):665-70.

HEPATIC VEINS

Preliminary report: hepatic vein Doppler in the early diagnosis of acute liver transplant rejection. Coulden RA, et al. **Lancet** 1990 Aug 4;336(8710):273-5

HEPATITIS A

A multifocal outbreak of hepatitis A traced to commercially distributed lettuce. Rosenblum LS, et al. **Am J Public Health** 1990 Sep;80(9):1075-9
Hepatitis transmission among the Sioux Indians of South Dakota. Shaw FE Jr, et al. **Am J Public Health** 1990 Sep; 80(9):1091-4
Foodborne hepatitis A: evidence that microwaving reduces risk? Mishu B, et al. **J Infect Dis** 1990 Sep;162(3):655-8

HEPATITIS, ALCOHOLIC

Autoantibodies in alcoholic liver disease [see comments] Laskin CA, et al. **Am J Med** 1990 Aug;89(2):129-33.
Comment in: Am J Med 1990 Aug;89(2):127-8.
Do corticosteroids reduce mortality from alcoholic hepatitis? A meta-analysis of the randomized trials. Imperiale TF, et al. **Ann Intern Med** 1990 Aug 15;113(4):299-307

HEPATITIS, ANIMAL

Involvement of tumor necrosis factor-alpha in the pathogenesis of activated macrophage-mediated hepatitis in mice. Nagakawa J, et al. **Gastroenterology** 1990 Sep; 99(3):758-65

HEPATITIS ANTIBODIES

Anti-HCV positive patients in dialysis units? [letter] **Lancet** 1990 Jul 28;336(8709):243-4
Infectivity of blood that is immunoblot intermediate reactive on hepatitis C virus antibody testing [letter] Bellobuono A, et al. **Lancet** 1990 Aug 4;336(8710):309
Alanine aminotransferase screening and hepatitis C virus antibody [letter] Burckhardt JJ, et al. **Lancet** 1990 Aug 18;336(8712):447-8
Screening donors for hepatitis C virus antibody [letter] Cash JD. **Lancet** 1990 Aug 4;336(8710):309
Early US experience with anti-HCV kit in blood donors [letter] Menitove JE, et al. **Lancet** 1990 Jul 28; 336(8709):244-5

HEPATITIS B

Use of potentially infected donor hearts for cardiac transplantation. Lammermeier DE, et al. **Ann Thorac Surg** 1990 Aug;50(2):222-5
Interleukin-2 activity and serum levels of soluble interleukin-2 receptors in chronic active hepatitis B [letter] Casafont F, et al. **Dig Dis Sci** 1990 Aug;35(8):1045
Long-term outcome of chronic type B hepatitis in patients who acquire hepatitis B virus infection in childhood. Bortolotti F, et al. **Gastroenterology** 1990 Sep;99(3):805-10
Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Kaneko S, et al. **Gastroenterology** 1990 Sep;99(3):793-8
Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Kaneko S, et al. **Gastroenterology** 1990 Sep;99(3):799-804
Hepatitis B in a highly active prostitute population: evidence for a low risk of chronic antigenemia. Hyams KC, et al. **J Infect Dis** 1990 Aug;162(2):295-8
Contrasting prevalence of delta hepatitis markers in parenteral drug abusers with and without AIDS. Kreek MJ, et al. **J Infect Dis** 1990 Aug;162(2):538-41
The prevention of hepatitis B in medical students [letter] Kuvin JT. **JAMA** 1990 Sep 5;264(9):1104-5
New York law requires treatment of some but not all hepatitis B-exposed newborns [news] Skolnick A. **JAMA** 1990 Sep 12;264(10):1234
Evidence for intrafamilial transmission of hepatitis B virus from sequence analysis of mutant HBV DNAs in two Chinese families. Lin HJ, et al. **Lancet** 1990 Jul 28; 336(8709):208-12
Tumour necrosis factor to treat chronic hepatitis B virus infection [letter] Sheron N, et al. **Lancet** 1990 Aug 4; 336(8710):321-2
Hepatitis-B-associated glomerulonephritis: pathology, pathogenesis, and clinical course. Venkataseshan VS, et al. **Medicine (Baltimore)** 1990 Jul;69(4):200-16

HEPATITIS B CORE ANTIGENS

HBcAg identification in the placental cytotypes of symptom-free HBsAg-carrier mothers: a study with the immunoperoxidase method. Lucifora G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):235-9

HEPATITIS B SURFACE ANTIGENS

HBcAg identification in the placental cytotypes of symptom-free HBsAg-carrier mothers: a study with the immunoperoxidase method. Lucifora G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):235-9
Hepatitis B in a highly active prostitute population: evidence for a low risk of chronic antigenemia. Hyams KC, et al. **J Infect Dis** 1990 Aug;162(2):295-8
Acute delta hepatitis during treatment with adenosine arabinoside monophosphate with resolution of the HBsAg carrier state. Garcia G, et al. **West J Med** 1990 Jul; 153(1):80-2

HEPATITIS B VIRUS

Detection of hepatitis B virus DNA in formalin-fixed, paraffin-embedded liver tissue by the polymerase chain reaction. Lampertico P, et al. **Am J Pathol** 1990 Aug; 137(2):253-8
Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Kaneko S, et al. **Gastroenterology** 1990 Sep;99(3):799-804
Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Kaneko S, et al. **Gastroenterology** 1990 Sep;99(3):793-8
Evidence for intrafamilial transmission of hepatitis B virus from sequence analysis of mutant HBV DNAs in two Chinese families. Lin HJ, et al. **Lancet** 1990 Jul 28; 336(8709):208-12

HEPATITIS, CHRONIC ACTIVE

Interleukin-2 activity and serum levels of soluble interleukin-2 receptors in chronic active hepatitis B [letter] Casafont F, et al. **Dig Dis Sci** 1990 Aug;35(8):1045
Relation between zinc status and hepatic functional reserve in patients with liver disease. Goode HF, et al. **Gut** 1990 Jun;31(6):694-7
Soluble interleukin 2 receptors in autoimmune chronic active hepatitis. Lobo-Yeo A, et al. **Gut** 1990 Jun;31(6):690-3
Tumour necrosis factor to treat chronic hepatitis B virus infection [letter] Sheron N, et al. **Lancet** 1990 Aug 4; 336(8710):321-2

HEPATITIS, TOXIC

Hepatitis and augmentin [letter] Reddy KR, et al. **Dig Dis Sci** 1990 Aug;35(8):1045-6
Clinical and pathological characteristics of hepatotoxicity associated with occupational exposure to dimethylformamide. Redlich CA, et al. **Gastroenterology** 1990 Sep;99(3):748-57

HEPATITIS, VIRAL, HUMAN

Transmission of hepatitis C virus [letter] **Ann Intern Med** 1990 Sep 1;113(5):411-2
Is hepatitis C virus involved in hepatitis-associated aplastic anemia? Pol S, et al. **Ann Intern Med** 1990 Sep 15; 113(6):435-7
Hepatitis E virus. Zuckerman AJ. **BMJ** 1990 Jun 9; 300(6738):1475-6 (15 ref.)
Hepatitis C virus and transfusion transmitted liver disease: review. Underwood JC. **J Clin Pathol** 1990 Jun;43(6):445-7 (40 ref.)
Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. Bouvet JP, et al. **J Immunol** 1990 Aug 15; 145(4):1176-80
Hepatitis C virus in patients with cryoglobulinemia type II [letter] Pascual M, et al. **J Infect Dis** 1990 Aug;162(2):569-7
New uses for biological response modifiers? [news] Marwick C. **JAMA** 1990 Sep 12;264(10):1233
Anti-HCV positive patients in dialysis units? [letter] **Lancet** 1990 Jul 28;336(8709):243-4
Infectivity of blood that is immunoblot intermediate reactive on hepatitis C virus antibody testing [letter] Bellobuono A, et al. **Lancet** 1990 Aug 4;336(8710):309
Alanine aminotransferase screening and hepatitis C virus antibody [letter] Burckhardt JJ, et al. **Lancet** 1990 Aug 18;336(8712):447-8
Screening donors for hepatitis C virus antibody [letter] Cash JD. **Lancet** 1990 Aug 4;336(8710):309
Detection of hepatitis C virus RNA in serum [letter] Clewley JP. **Lancet** 1990 Aug 4;336(8710):309-10
Hepatitis C virus transmitted by human bite [letter] Dusheiko GM, et al. **Lancet** 1990 Aug 25;336(8713):503-4
Suppression of hepatitis C virus RNA by interferon-alpha [letter] Kanai K, et al. **Lancet** 1990 Jul 28;336(8709):245
Early US experience with anti-HCV kit in blood donors [letter] Menitove JE, et al. **Lancet** 1990 Jul 28; 336(8709):244-5
Hepatitis C virus RNA in symptomless donors implicated in post-transfusion non-A, non-B hepatitis [letter] Zanetti AR, et al. **Lancet** 1990 Aug 18;336(8712):448

HEPATITIS VIRUSES

Hepatitis E virus. Zuckerman AJ. **BMJ** 1990 Jun 9; 300(6738):1475-6 (15 ref.)
Detection of hepatitis C virus RNA in serum [letter] Clewley JP. **Lancet** 1990 Aug 4;336(8710):309-10
Suppression of hepatitis C virus RNA by interferon-alpha [letter] Kanai K, et al. **Lancet** 1990 Jul 28;336(8709):245

HEPATOMA

Clinicopathologic comparisons between estrogen receptor-positive and -negative hepatocellular carcinomas. Nagasue N, et al. **Ann Surg** 1990 Aug;212(2):150-4

Decreased morbidity and mortality rates in surgical patients with hepatocellular carcinoma. Matsumata T, et al. **Br J Surg** 1990 Jun;77(6):677–80
Functional and phenotypic characteristics of recombinant interleukin-2 or T-cell growth factor-activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Ebihara T, et al. **Cancer** 1990 Sep 1;66(5):923–9
Surgery of small hepatocellular carcinoma [letter] Ezaki T, et al. **Cancer** 1990 May 1;65(9):2101–2
An immunohistochemical and ultrastructural study of the sinusoids of hepatocellular carcinoma. Haratake J, et al. **Cancer** 1990 May 1;65(9):1985–93
Spontaneous regression of hepatocellular carcinoma. Ayres RC, et al. **Gut** 1990 Jun;31(6):722–4
Abortion in patients with a liver mass [letter] Doherty MG. **South Med J** 1990 Aug;83(8):982–3
Assessment of pattern and treatment of intrahepatic recurrence after resection of hepatocellular carcinoma. Nagasue N, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):217–22

HEPATOMEGALY

Geleophysic dysplasia: a storage disorder affecting the skin, bone, liver, heart, and trachea. Shohat M, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):227–32

HEPTANOIC ACIDS

Pharmacokinetics and pharmacodynamics of pravastatin alone and with cholestyramine in hypercholesterolemia. Pan HY, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):201–7

HEREDITARY DISEASES

The mapping and sequencing of the human genome. Antonarakis SE. **South Med J** 1990 Aug;83(8):876–8
Social and ethical implications of advances in human genetics. Cook-Deegan RM. **South Med J** 1990 Aug;83(8):879–82
Diagnosis at the bedside by gene analysis. Phillips JA 3d. **South Med J** 1990 Aug;83(8):868–75 (15 ref.)

HERNIA, DIAPHRAGMATIC

Non-steroidal anti-inflammatory drugs, hiatus hernia, and Helicobacter pylori, in patients with oesophageal ulceration. Shallcross TM, et al. **Br J Rheumatol** 1990 Aug; 29(4):288–90

HERNIA, FEMORAL

The femoral cone and its clinical implications. Berliner SD. **Surg Gynecol Obstet** 1990 Aug;171(2):111–4

HERNIA, INGUINAL

Diagnostic pneumoperitoneum for the detection of the clinically occult contralateral hernia in children. Harrison CB, et al. **J Urol** 1990 Aug;144(2 Pt 2):510–1; discussion 512–3

HERNIA, VENTRAL

Handlebar hernia: diagnosis by abdominal computed tomography. Mitchiner JC. **Ann Emerg Med** 1990 Jul; 19(7):812–3

HERPES GENITALIS

The importance of considering clinical usefulness in the evaluation of medical laboratory tests [letter] Sever JL. **Am J Obstet Gynecol** 1990 Aug;163(2):678–9
Porton International and a herpes vaccine [letter] Skinner GR. **BMJ** 1990 Jun 16;300(6739):1583–4
Epidemiology of genital herpes in Pittsburgh: serologic, sexual, and racial correlates of apparent and inapparent herpes simplex infections. Breinig MK, et al. **J Infect Dis** 1990 Aug;162(2):299–305

HERPES LABIALIS

Herpes labialis in parturients receiving epidural morphine following cesarean section. Crone LA, et al. **Anesthesiology** 1990 Aug;73(2):208–13

HERPES SIMPLEX

A distinct population of nonphagocytic and low level CD4+ null lymphocytes produce IFN-alpha after stimulation by herpes simplex virus-infected cells. Sandberg K, et al. **J Immunol** 1990 Aug 1;145(3):1015–20
Primary and recurrent herpes simplex virus type 2-induced meningitis. Bergström T, et al. **J Infect Dis** 1990 Aug; 162(2):322–30
Altered sensitivity to antiviral drugs of herpes simplex virus isolates from a patient with the acquired immunodeficiency syndrome. Birch CJ, et al. **J Infect Dis** 1990 Sep; 162(3):731–4
A cross-sectional study of herpes simplex virus types 1 and 2 in college students: occurrence and determinants of infection. Gibson JJ, et al. **J Infect Dis** 1990 Aug; 162(2):306–12
In vivo behavior of genetically engineered herpes simplex viruses R7017 and R7020. II. Studies in immunocompetent and immunosuppressed owl monkeys (Aotus trivirgatus). Meignier B, et al. **J Infect Dis** 1990 Aug;162(2):313–21

HERPES ZOSTER

Chronic localized herpes zoster in the acquired immunodeficiency syndrome [letter] [see comments] Disler RS, et al. **Arch Dermatol** 1990 Aug;126(8):1105–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Varicella-zoster virus disease in patients with human immunodeficiency virus infection [comment] Gulick RM, et al. **Arch Dermatol** 1990 Aug;126(8):1086–8 (14 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1033–6. Comment on: Arch Dermatol 1990 Aug;126(8):1048–50. Comment on: Arch Dermatol 1990 Aug;126(8):1105–6.
Prolonged cutaneous herpes zoster in acquired immunodeficiency syndrome [see comments] Hoppenjans WB, et al. **Arch Dermatol** 1990 Aug;126(8):1048–50. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Varicella in patients infected with the human immunodeficiency virus [see comments] Perronne C, et al. **Arch Dermatol** 1990 Aug;126(8):1033–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Subclass distribution of the serum and intrathecal IgG antibody response in varicella-zoster virus infections. Echevarría JM, et al. **J Infect Dis** 1990 Sep;162(3):621–6
Postherpetic neuralgia [editorial] **Lancet** 1990 Sep 1; 336(8714):537–8

HERPESVIRIDAE

Molecular interactions among herpesviruses and human immunodeficiency viruses. Laurence J. **J Infect Dis** 1990 Aug;162(2):338–46 (114 ref.)

HERPESVIRUS HOMINIS

Porton International and a herpes vaccine [letter] Skinner GR. **BMJ** 1990 Jun 16;300(6739):1583–4
Altered sensitivity to antiviral drugs of herpes simplex virus isolates from a patient with the acquired immunodeficiency syndrome. Birch CJ, et al. **J Infect Dis** 1990 Sep; 162(3):731–4
Epidemiology of genital herpes in Pittsburgh: serologic, sexual, and racial correlates of apparent and inapparent herpes simplex infections. Breinig MK, et al. **J Infect Dis** 1990 Aug;162(2):299–305
Glycoprotein C of herpes simplex virus type 1 prevents complement-mediated cell lysis and virus neutralization. Harris SL, et al. **J Infect Dis** 1990 Aug;162(2):331–7
In vivo behavior of genetically engineered herpes simplex viruses R7017 and R7020. II. Studies in immunocompetent and immunosuppressed owl monkeys (Aotus trivirgatus). Meignier B, et al. **J Infect Dis** 1990 Aug;162(2):313–21

HERPESVIRUS-6, HUMAN

Susceptibility of human herpesvirus 6 to antivirals in vitro. Burns WH, et al. **J Infect Dis** 1990 Sep;162(3):634–7

HERPESVIRUS INFECTIONS

Molecular interactions among herpesviruses and human immunodeficiency viruses. Laurence J. **J Infect Dis** 1990 Aug;162(2):338–46 (114 ref.)
Coinfection with A- and B-type Epstein-Barr virus in human immunodeficiency virus-positive subjects. Sculley TB, et al. **J Infect Dis** 1990 Sep;162(3):643–8
Amniotic membranes in the treatment of necrotizing fasciitis complicating vulvar herpes virus infection. Rothman PA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):534–6

HETEROZYGOTE DETECTION

Application of intragenic DNA probes in prenatal screening for retinoblastoma gene carriers in the United Kingdom. Onadim ZO, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):651–6
Maternal and fetal screening for antenatal care [letter] Penketh R, et al. **BMJ** 1990 Jun 23;300(6740):1653–4
A simple assay for the screening of the cystic fibrosis allele in carriers of the Phe508 deletion mutation. Chong GL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1072–6

HEXOKINASE

Hexokinase: one gene or two [letter] Magnani M, et al. **Blood** 1990 Aug 15;76(4):854–5

HEXOSYLTRANSFERASES

Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705–10

HIP DISLOCATION

Traumatic haemarthrosis causing femoral head subluxation. Gopalakrishnan KC, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):554–6

HIP DISLOCATION, CONGENITAL

Treatment of osteoarthrosis secondary to congenital dislocation of the hip. Primary cemented surface replacement compared with conventional total hip replacement. Davlin LB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1035–42
The value of preliminary traction in the treatment of congenital dislocation of the hip. Kahle WK, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1043–7
Avascular necrosis in patients treated with the Pavlik harness for congenital dislocation of the hip. Suzuki S, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1048–55
Avascular necrosis following closed reduction of congenital dislocation of the hip. Review of influencing factors and long-term follow-up. Brougham DI, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):557–62
Movement of the femoral head after Salter osteotomy for acetabular dysplasia. Wong-Chung J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):563–7
Comparison of audible sound transmission with ultrasound in screening for congenital dislocation of the hip. Stone MH, et al. **Lancet** 1990 Aug 18;336(8712):421–2

HIP JOINT

Osteogenic sarcoma arising in the area of a total hip replacement. A case report. Brien WW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1097–9
Heterotopic ossification about the hip after intramedullary nailing for fractures of the femur. Brumback RJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1067–73
Ultrasound examination of the irritable hip. Bickerstaff DR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):549–53
Traumatic haemarthrosis causing femoral head subluxation. Gopalakrishnan KC, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):554–6
Imaging of hip disorders. Brower AC, et al. **Radiol Clin North Am** 1990 Sep;28(5):955–74 (42 ref.)

HIP PROSTHESIS

Maintenance of body temperature in elderly patients who have joint replacement surgery. A comparison between the heat and moisture exchanger and heated humidifier. Yam PC, et al. **Anaesthesia** 1990 Jul;45(7):563–5
Roentgenographic assessment of the biologic fixation of porous-surfaced femoral components. Engh CA, et al. **Clin Orthop** 1990 Aug;(257):107–28
Radiation-blocking shields to localize periarticular radiation precisely for prevention of heterotopic bone formation around uncemented total hip arthroplasties. Jasty M, et al. **Clin Orthop** 1990 Aug;(257):138–45
Strength of initial mechanical fixation of screw ring acetabular components. Kody MH, et al. **Clin Orthop** 1990 Aug;(257):146–53
Osteogenic sarcoma arising in the area of a total hip replacement. A case report. Brien WW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1097–9
Treatment of osteoarthrosis secondary to congenital dislocation of the hip. Primary cemented surface replacement compared with conventional total hip replacement. Davlin LB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1035–42
Endosteal erosion in association with stable uncemented femoral components. Maloney WJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1025–34
B-mode ultrasound scanning in the detection of proximal venous thrombosis after total hip replacement. Woolson ST, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):983–7
The biomechanical role of the collar of the femoral component of a hip replacement. Kwong KS. **J Bone Joint Surg [Br]** 1990 Jul;72(4):664–5
Insertion of a prosthetic hip into a total hip allograft. Case report. Mulroy RD, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):643–6
Alumina-on-alumina hip replacement. Results and survivorship in young patients. Sedel L, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):658–63
Primary migration of fully-threaded acetabular prostheses. A roentgen stereophotogrammetric analysis. Snorrason F, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):647–52
Orthopedic research and patient outcomes [letter] Mendenhall S. **JAMA** 1990 Aug 8;264(6):694
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 34-1990. A 74-year-old man with a failed right-hip replacement, constant pain centered in the right hip, and an osteolytic lesion in the right acetabulum. **N Engl J Med** 1990 Aug 23;323(8):534–9
Total hip and total knee replacement (1). Harris WH, et al. **N Engl J Med** 1990 Sep 13;323(11):725–31 (76 ref.)
Current topics in the radiology of joint replacement surgery. Weissman BN. **Radiol Clin North Am** 1990 Sep; 28(5):1111–34 (115 ref.)

HIPPOCAMPUS

11 beta-hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Moisan MP, et al. **Endocrinology** 1990 Sep;127(3):1450–5
Human hippocampal EEG: effects of behavioral activation. Huh K, et al. **Neurology** 1990 Aug;40(8):1177–81

HIRSUTISM

Ovarian 17-ketosteroid reductase deficiency as a possible cause of polycystic ovarian disease. Toscano V, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):288–92

Ketoconazole therapy for women with acne and/or hirsutism. Venturoli S, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):335–9

HISPANIC AMERICANS

Folate status of Mexican American, Cuban, and Puerto Rican women. Fanelli-Kuczmarski MT, et al. **Am J Clin Nutr** 1990 Aug;52(2):368–72

Apparent underreporting of cigarette consumption among Mexican American smokers [see comments] Pérez-Stable EJ, et al. **Am J Public Health** 1990 Sep;80(9):1057–61. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.

Blood lead levels of 4–11-year-old Mexican American, Puerto Rican, and Cuban children. Carter-Pokras O, et al. **Public Health Rep** 1990 Jul-Aug;105(4):388–93

Underreporting of minority AIDS deaths in San Francisco Bay area, 1985–86. Lindan CP, et al. **Public Health Rep** 1990 Jul-Aug;105(4):400–4

HISTAMINE

Studies of the spontaneous motility and the effect of histamine on isolated myometrial strips of the nonpregnant human uterus: the influence of various uterine abnormalities. Martinez-Mir I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):189–95

The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581–6

Plasma elevations of histamine and a prostaglandin metabolite in acute bronchiolitis. Skoner DP, et al. **Am Rev Respir Dis** 1990 Aug;142(2):359–64

Histamine stimulation of mucociliary activity in the rabbit maxillary sinus. Dolata J, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):666–71

Variables in histamine inhalation tests [letter] Amirav I. **Chest** 1990 Aug;98(2):518–9

Skin reactivity to codeine and histamine during prolonged corticosteroid therapy. Olson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):153–9

Tachyphylaxis to inhaled histamine in asthma: its significance and relationship to basal airway responsiveness. Polosa R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):265–71

Enhanced prostaglandin synthesis after ultraviolet injury is mediated by endogenous histamine stimulation. A mechanism for irradiation erythema. Pentland AP, et al. **J Clin Invest** 1990 Aug;86(2):566–74

Mast cell chymase potentiates histamine-induced wheal formation in the skin of ragweed-allergic dogs. Rubinstein I, et al. **J Clin Invest** 1990 Aug;86(2):555–9

Antigenic challenge of immunized mice induces endogeneous production of IL-3 that increases histamine synthesis in hematopoietic organs. Lebel B, et al. **J Immunol** 1990 Aug 15;145(4):1222–6

HISTAMINE H1 RECEPTOR BLOCKADERS

Nonprescription cough and cold remedies [letter] Lexchin J. **Can Med Assoc J** 1990 Aug 1;143(3):175

Lack of subsensitivity to loratadine during long-term dosing during 12 weeks. Bousquet J, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):248–53

Astemizole-induced paresthesia [letter] Kaufman HS, et al. **N Engl J Med** 1990 Sep 6;323(10):684

HISTAMINE H2 RECEPTOR BLOCKADERS

Preoperative H2-receptor antagonists [letter] Gorback MS. **Anesth Analg** 1990 Aug;71(2):205–6

Tolerance to oral H2-receptor antagonists. Wilder-Smith CH, et al. **Dig Dis Sci** 1990 Aug;35(8):976–83

HISTIOCYTES

Cultured Reed-Sternberg cells HDLM-1 and KM-H2 can be induced to become histiocytelike cells. H-RS cells are not derived from lymphocytes. Hsu SM, et al. **Am J Pathol** 1990 Aug;137(2):353–67

HISTIOCYTOMA

Primary sarcoma of the superior pulmonary vein. Kaiser LR, et al. **Cancer** 1990 Aug 15;66(4):789–95 (16 ref.)

HISTIOCYTOSIS, LANGERHANS-CELL

Intraluminal fibrosis and elastic fiber degradation lead to lung remodeling in pulmonary Langerhans cell granulomatosis (histiocytosis X). Fukuda Y, et al. **Am J Pathol** 1990 Aug; 137(2):415–24

HISTIOCYTOSIS, NON-LANGERHANS-CELL

Impaired natural killer activity and expression of interleukin-2 receptor antigen in familial erythrophagocytic lymphohistiocytosis. Kataoka Y, et al. **Cancer** 1990 May 1;65(9):1937–41

HISTOCOMPATIBILITY ANTIGENS

Recombinant human granulocyte colony-stimulating factor accelerates hematopoietic recovery after DLA-identical littermate marrow transplants in dogs. Schuening FG, et al. **Blood** 1990 Aug 1;76(3):636–40

HISTOCOMPATIBILITY ANTIGENS CLASS I

Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. Doukas J, et al. **J Immunol** 1990 Aug 15; 145(4):1088–98

Endocytosis and recycling of MHC-encoded class II molecules by mouse B lymphocytes. Machy P, et al. **J Immunol** 1990 Sep 1;145(5):1350–5

Evidence for a new HLA determinant that causes T cell activation without costimulation. Mittler RS, et al. **J Immunol** 1990 Aug 1;145(3):794–803

Identification and expression of the Tla region gene T11b and its Qa-like product. Oudshoorn-Snoek M, et al. **J Immunol** 1990 Aug 15;145(4):1270–7

Generation of class I MHC-restricted T-T hybridomas. Rock KL, et al. **J Immunol** 1990 Aug 1;145(3):804–11

HISTOCOMPATIBILITY ANTIGENS CLASS II

Strain-specific determination of the degree of thyroid cell MHC class II antigen expression: evaluation of established Wistar and Fisher rat thyroid cell lines. Neufeld DS, et al. **Endocrinology** 1990 Sep;127(3):1254–9

1,25-Dihydroxyvitamin D3 antagonizes interferon-gamma-induced expression of class II major histocompatibility antigens on thyroid follicular and testicular Leydig cells. Tokuda N, et al. **Endocrinology** 1990 Sep;127(3):1419–27

Immune response to polyglycolic acid implants. Santavirta S, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):597–600

Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. Browning MJ, et al. **J Immunol** 1990 Aug 1;145(3):985–94

Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. Doukas J, et al. **J Immunol** 1990 Aug 15; 145(4):1088–98

Endocytosis and recycling of MHC-encoded class II molecules by mouse B lymphocytes. Machy P, et al. **J Immunol** 1990 Sep 1;145(5):1350–5

MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. St.-Pierre Y, et al. **J Immunol** 1990 Aug 1; 145(3):812–8

Intraintestinal migration to the epithelium of protective, dividing, anti-Trichinella spiralis CD4+ OX22- cells requires MHC class II compatibility. Wang CH, et al. **J Immunol** 1990 Aug 1;145(3):1021–8

Combined effects of tumor necrosis factor-alpha, prostaglandin E2, and corticosterone on induced Ia expression on murine macrophages. Zimmer T, et al. **J Immunol** 1990 Aug 15;145(4):1167–75

Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Ertel W, et al. **Surgery** 1990 Aug;108(2):154–9; discussion 159–60

HISTOCOMPATIBILITY TESTING

HLA matching enhances long-term renal graft survival but does not relate to acute rejection. Baltzan MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):227–31

HISTONES

Autoantibodies against different histone H1 subtypes in systemic lupus erythematosus sera. Wesierska-Gadek J, et al. **Arthritis Rheum** 1990 Aug;33(8):1273–8

HISTOPLASMOSIS

Concurrent human and canine histoplasmosis from cutting decayed wood. Davies SF, et al. **Ann Intern Med** 1990 Aug 1;113(3):252–3

Sclerosing mediastinitis: improved management with histoplasmosis titer and ketoconazole. Urschel HC Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):215–21

What is a differential diagnosis? Kassirer JP, et al. **Hosp Pract [Off]** 1990 Aug 15;25(8):19–24, 27–8

Histoplasma capsulatum infections of the central nervous system. A clinical review. Wheat LJ, et al. **Medicine (Baltimore)** 1990 Jul;69(4):244–60 (86 ref.)

HIV

Heat shock induction of HIV production from chronically infected promonocytic and T cell lines. Stanley SK, et al. **J Immunol** 1990 Aug 15;145(4):1120–6

Concordance of polymerase chain reaction with human immunodeficiency virus antibody detection. Horsburgh CR Jr, et al. **J Infect Dis** 1990 Aug;162(2):542–5

Molecular interactions among herpesviruses and human immunodeficiency viruses. Laurence J. **J Infect Dis** 1990 Aug;162(2):338–46 (114 ref.)

Science ponders whether HIV acts alone or has another microbe's aid [news] Goldsmith MF. **JAMA** 1990 Aug 8; 264(6):665–6

HIV ANTIBODIES

Concordance of polymerase chain reaction with human immunodeficiency virus antibody detection. Horsburgh CR Jr, et al. **J Infect Dis** 1990 Aug;162(2):542–5

Neutralization of multiple HIV-1 isolates from a single subject by autologous sequential sera. Tremblay M, et al. **J Infect Dis** 1990 Sep;162(3):735–7

Interpretation of western blots of specimens from children infected with human immunodeficiency virus type 1: implications for prognosis and diagnosis. Walter EB, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):255–8

Routine human immunodeficiency virus infection screening of women requesting induced first-trimester abortion in an inner-city population. Lindsay MK, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):347–50

HIV ENVELOPE PROTEIN GP120

A polyanion binding site on the CD4 molecule. Proximity to the HIV-gp120 binding region. Parish CR, et al. **J Immunol** 1990 Aug 15;145(4):1188–95

HIV INFECTIONS

Visceral bacillary epithelioid angiomatosis: possible manifestations of disseminated cat scratch disease in the immunocompromised host: a report of two cases. Kemper CA, et al. **Am J Med** 1990 Aug;89(2):216–22

Tuberculous polymyositis in HIV infection [letter] Pouchot J, et al. **Am J Med** 1990 Aug;89(2):250–1

Partner notification [letter] **Ann Intern Med** 1990 Sep 15; 113(6):480–1

Compliance with zidovudine therapy [letter] Reichman LB. **Ann Intern Med** 1990 Aug 15;113(4):332–3

Varicella-zoster virus disease in patients with human immunodeficiency virus infection [comment] Gulick RM, et al. **Arch Dermatol** 1990 Aug;126(8):1086–8 (14 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1033–6. Comment on: Arch Dermatol 1990 Aug;126(8):1048–50. Comment on: Arch Dermatol 1990 Aug;126(8):1105–6.

Varicella in patients infected with the human immunodeficiency virus [see comments] Perronne C, et al. **Arch Dermatol** 1990 Aug;126(8):1033–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.

Nasopharyngeal lymphatic tissue in patients infected with human immunodeficiency virus. A prospective clinicopathologic study. Barzan L, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):928–31

Comment on the article by Espinoza et al [letter] Hess EV, et al. **Arthritis Rheum** 1990 Aug;33(8):1295–6

Risk behaviours for HIV infection among drug users in prison. Carvell AL, et al. **BMJ** 1990 May 26; 300(6736):1383–4

Clinical trials for patients with AIDS or HIV infection [letter] Mackie ID. **Can Med Assoc J** 1990 Aug 1;143(3):173–4

Universal precautions [letter] Righter J. **Can Med Assoc J** 1990 Aug 15;143(4):256–7

Enteropathy associated with HIV [letter] Batman PA, et al. **Gut** 1990 Aug;31(8):960

Failure of tuberculosis chemotherapy in a human immunodeficiency virus-infected patient [letter] Dylewski J, et al. **J Infect Dis** 1990 Sep;162(3):778–9

Concordance of polymerase chain reaction with human immunodeficiency virus antibody detection. Horsburgh CR Jr, et al. **J Infect Dis** 1990 Aug;162(2):542–5

Molecular interactions among herpesviruses and human immunodeficiency viruses. Laurence J. **J Infect Dis** 1990 Aug;162(2):338–46 (114 ref.)

Patterns of HIV-1 and HTLV-I/II in intravenous drug abusers from the middle atlantic and central regions of the USA. Lee HH, et al. **J Infect Dis** 1990 Aug;162(2):347–52

A phase 1 study of ribavirin in human immunodeficiency virus-infected patients. Roberts RB, et al. **J Infect Dis** 1990 Sep;162(3):638–42

Neutralization of multiple HIV-1 isolates from a single subject by autologous sequential sera. Tremblay M, et al. **J Infect Dis** 1990 Sep;162(3):735–7

Don't stick me, but don't take all day. **JAMA** 1990 Sep 5; 264(9):1191

Minimizing risks for occupational blood-borne infections. Fahey BJ, et al. **JAMA** 1990 Sep 5;264(9):1189, 1190

CDC ponders new HIV guidelines [news] Goldsmith MF.

JAMA 1990 Sep 5;264(9):1079
Risks of HIV exposure to medical students and health care personnel [editorial] Hermann RC. JAMA 1990 Sep 5; 264(9):1187
Percutaneous exposure of medical students to HIV. Jones DB. JAMA 1990 Sep 5;264(9):1188, 1190
Partner acceptance of health department notification of HIV exposure, South Carolina. Jones JL, et al. JAMA 1990 Sep 12;264(10):1284–6
From the National Institutes of Health. Raub W. JAMA 1990 Sep 5;264(9):1086
Doctors with HIV [news] Lancet 1990 Aug 18;336(8712):432
Antibodies to Helicobacter pylori in HIV infection [letter] Aceti A, et al. Lancet 1990 Sep 1;336(8714):571
The trouble with T cells [letter] Ascher MS, et al. Lancet 1990 Aug 25;336(8713):507
Partner notification for HIV in Sweden [letter] Giesecke J, et al. Lancet 1990 Aug 25;336(8713):508
"Treating through" hypersensitivity to cotrimoxazole in children with HIV infection [letter] Kreuz W, et al. Lancet 1990 Aug 25;336(8713):508–9
HIV infection and AIDS during adolescence. Kipke MD, et al. Med Clin North Am 1990 Sep;74(5):1149–67 (70 ref.)
Zidovudine in asymptomatic HIV infection [letter] N Engl J Med 1990 Sep 13;323(11):754–6
Pneumocystis carinii pneumonia in infants infected with the human immunodeficiency virus with more than 450 CD4 T lymphocytes per cubic millimeter. Leibovitz E, et al. N Engl J Med 1990 Aug 23;323(8):531–3
Avoiding exposure to HIV by needle stick [letter] Renschler MF. N Engl J Med 1990 Aug 30;323(9):611–2
Advantages and disadvantages of special hospitals for patients with HIV infection. A report by the New York City Task Force on Single-Disease Hospitals. Rothman DJ, et al. N Engl J Med 1990 Sep 13;323(11):764–8
A survey of exposures, practices and recommendations of surgeons in the care of patients with human immunodeficiency virus. Mandelbrot DA, et al. Surg Gynecol Obstet 1990 Aug;171(2):99–106

HIV SEROPOSITIVITY

Hierarchical pattern of mucosal candida infections in HIV-seropositive women. Imam N, et al. Am J Med 1990 Aug;89(2):142–6
Rectal small cell cancer in an HIV-positive man. Smitherman MH, et al. Am J Med 1990 Aug;89(2):239–40
Vulvar ulcer of unknown etiology in a human immunodeficiency virus-infected woman: response to treatment with zidovudine. Covino JM, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):116–8
The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Minkoff HL, et al. Am J Obstet Gynecol 1990 Aug;163(2):521–6
Increasing viral burden in CD4+ T cells from patients with human immunodeficiency virus (HIV) infection reflects rapidly progressive immunosuppression and clinical disease. Schnittman SM, et al. Ann Intern Med 1990 Sep 15; 113(6):438–43
Human immunodeficiency virus DNA amplification and serology in blood donors. Perrin LH, et al. Blood 1990 Aug 1;76(3):641–5
Plasma fibronectin concentrations in patients with human immunodeficiency virus infection. Torre D, et al. J Clin Pathol 1990 Jul;43(7):560–2
Prevalence of antibodies to human immunodeficiency virus and to human T cell leukemia virus type I in transfused sickle cell disease patients. Castro O, et al. J Infect Dis 1990 Sep;162(3):743–5
Anal human papillomavirus infection among human immunodeficiency virus-seropositive and -seronegative men. Kiviat N, et al. J Infect Dis 1990 Aug;162(2):358–61
Coinfection with A- and B-type Epstein-Barr virus in human immunodeficiency virus-positive subjects. Sculley TB, et al. J Infect Dis 1990 Sep;162(3):643–8
Nasopharyngeal cyst simulating Kaposi's sarcoma in an HIV-infected patient. Harrison HC, et al. J Laryngol Otol 1990 Jun;104(6):498–500
Porphyria cutanea tarda in human immunodeficiency virus-infected patients. Cohen PR, et al. JAMA 1990 Sep 12;264(10):1315–6
Rapid progression to AIDS in dual HIV-1/HTLV-I infection [letter] Lefrère JJ, et al. Lancet 1990 Aug 25; 336(8713):509
Routine human immunodeficiency virus infection screening of women requesting induced first-trimester abortion in an inner-city population. Lindsay MK, et al. Obstet Gynecol 1990 Sep;76(3 Pt 1):347–50
Proctologic management of the HIV-positive patient. Beck DE, et al. South Med J 1990 Aug;83(8):900–3
Pneumococcal bacteremia as a marker for human immunodeficiency virus infection in patients without AIDS. Chirurgi VA, et al. South Med J 1990 Aug; 83(8):895–9

HIV SEROPREVALENCE

HIV seroprevalence and the acceptance of voluntary HIV testing among newly incarcerated male prison inmates in Wisconsin. Hoxie NJ, et al. Am J Public Health 1990 Sep; 80(9):1129–31
Demographic characteristics, risk behaviors, and HIV seroprevalence among intravenous drug users by site of contact: results from a community-wide HIV surveillance project. McCusker J, et al. Am J Public Health 1990 Sep; 80(9):1062–7

HIV-1

Premarital screening for antibodies to human immunodeficiency virus type 1 in the United States. The Premarital Screening Study Group. Petersen LR, et al. Am J Public Health 1990 Sep;80(9):1087–90
Increasing viral burden in CD4+ T cells from patients with human immunodeficiency virus (HIV) infection reflects rapidly progressive immunosuppression and clinical disease. Schnittman SM, et al. Ann Intern Med 1990 Sep 15; 113(6):438–43
Human immunodeficiency virus DNA amplification and serology in blood donors. Perrin LH, et al. Blood 1990 Aug 1;76(3):641–5
Investigation of seemingly pathogen-negative diarrhoea in patients infected with HIV1. Connolly GM, et al. Gut 1990 Aug;31(8):886–9
Elimination of high titre HIV from fibreoptic endoscopes. Hanson PJ, et al. Gut 1990 Jun;31(6):657–9
Patterns of HIV-1 and HTLV-I/II in intravenous drug abusers from the middle atlantic and central regions of the USA. Lee HH, et al. J Infect Dis 1990 Aug;162(2):347–52
Neutralization of multiple HIV-1 isolates from a single subject by autologous sequential sera. Tremblay M, et al. J Infect Dis 1990 Sep;162(3):735–7
Interpretation of western blots of specimens from children infected with human immunodeficiency virus type 1: implications for prognosis and diagnosis. Walter EB, et al. J Pediatr 1990 Aug;117(2 Pt 1):255–8
Did HIV and HTLV originate in Africa? [letter] Tabor E, et al. JAMA 1990 Aug 8;264(6):691–2
Current and future dimensions of the HIV/AIDS pandemic in women and children. Chin J. Lancet 1990 Jul 28; 336(8709):221–4
Mycoplasma and AIDS [letter] Chowdhury MI, et al. Lancet 1990 Jul 28;336(8709):247–8
Life-threatening bacteraemia in HIV-1 seropositive adults admitted to hospital in Nairobi, Kenya. Gilks CF, et al. Lancet 1990 Sep 1;336(8714):545–9

HLA ANTIGENS

Sharing of human leukocyte antigens in primary and secondary recurrent spontaneous abortions. Ho HN, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):178–88
HLA region genes and immune activation in the pathogenesis of psoriasis [comment] Gottlieb AB, et al. Arch Dermatol 1990 Aug;126(8):1083–6 (42 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1040–2.
HLA antigens in lichen sclerosus et atrophicus. Purcell KG, et al. Arch Dermatol 1990 Aug;126(8):1043–5 (17 ref.)
The genetics of psoriasis. Haplotype sharing in siblings with the disease [see comments] Suarez-Almazor ME, et al. Arch Dermatol 1990 Aug;126(8):1083–6. Comment in: Arch Dermatol 1990 Aug;126(8):1083–6.
Histocompatibility antigen expression in pulmonary carcinomas as indication of differentiation and of special subtypes. Dämmrich J, et al. Cancer 1990 May 1; 65(9):1942–54
An HLA-associated nonresponsiveness to mellitin: a component of bee venom. Lympany P, et al. J Allergy Clin Immunol 1990 Aug;86(2):160–70
HLA matching enhances long-term renal graft survival but does not relate to acute rejection. Baltzan MA, et al. Medicine (Baltimore) 1990 Jul;69(4):227–31

HLA-B8 ANTIGEN

HLA-DR3 and immunoresponsiveness [letter] Caruso C, et al. Lancet 1990 Aug 25;336(8713):506–7

HLA-D ANTIGENS

Relation between T cell number and epithelial HLA class II expression quantified by image analysis in normal and inflamed human gastric mucosa. Valnes K, et al. Gut 1990 Jun;31(6):647–52
An HLA-associated nonresponsiveness to mellitin: a component of bee venom. Lympany P, et al. J Allergy Clin Immunol 1990 Aug;86(2):160–70

HLA-DP ANTIGENS

HLA-DP and coeliac disease: family and population studies. Caffrey C, et al. Gut 1990 Jun;31(6):663–7

HLA-DQ ANTIGENS

HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. Arthritis Rheum 1990 Aug;33(8):1240–8 (55 ref.)
HLA-DQ gene complementation and other histocompatibility relationships in man with the anti-Ro/SSA autoantibody response of systemic lupus erythematosus. Fujisaku A, et al. J Clin Invest 1990 Aug; 86(2):606–11
HLA antigens in Japanese patients with myasthenia gravis. Matsuki K, et al. J Clin Invest 1990 Aug;86(2):392–9
Antibodies to thymic hormone and HLA-DQ in type I diabetes [letter] Kolb H, et al. Lancet 1990 Sep 1; 336(8714):570–1

HLA-DR ANTIGENS

HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. Arthritis Rheum 1990 Aug;33(8):1240–8 (55 ref.)
HLA antigens in Japanese patients with myasthenia gravis. Matsuki K, et al. J Clin Invest 1990 Aug;86(2):392–9

HLA-DR3 ANTIGEN

No excess of DR*3/4 in Ashkenazi Jewish or Hispanic IDDM patients. Rubinstein P, et al. Diabetes 1990 Sep; 39(9):1138–43
HLA-DR3 and immunoresponsiveness [letter] Caruso C, et al. Lancet 1990 Aug 25;336(8713):506–7

HLA-DR4 ANTIGEN

Pre-eclampsia and HLA-DR4 [letter] Wilton AN, et al. Lancet 1990 Aug 4;336(8710):323

HOCKEY

Use of histoacryl tissue adhesive to manage an avulsed tooth. McCabe MJ. BMJ 1990 Jul 7;301(6742):20–1

HODGKIN'S DISEASE

Lymphocyte-predominant Hodgkin disease manifested as a subcutaneous arm mass [letter] Nelson MC, et al. AJR Am J Roentgenol 1990 Sep;155(3):658–9
Cultured Reed-Sternberg cells HDLM-1 and KM-H2 can be induced to become histiocytelike cells. H-RS cells are not derived from lymphocytes. Hsu SM, et al. Am J Pathol 1990 Aug;137(2):353–67
Tumor necrosis factor alpha and lymphotoxin production in Hodgkin's disease. Kretschmer C, et al. Am J Pathol 1990 Aug;137(2):341–51
Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. de Mascarel I, et al. Arch Pathol Lab Med 1990 Sep;114(9):953–5
Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Grimfors G, et al. Blood 1990 Aug 1; 76(3):583–9
L428 cells derived from Hodgkin's disease produce E rosette-inhibiting factor. Katay I, et al. Blood 1990 Aug 15;76(4):791–6
Treatment of clinical stage I Hodgkin's disease by local radiation therapy alone. A United Kingdom Childrens Cancer Study Group study. Barrett A, et al. Cancer 1990 Aug 15;66(4):670–4
Testicular dysfunction after cyclophosphamide-vincristine-procarbazine-prednisolone chemotherapy for advanced Hodgkin's disease. A long-term follow-up study. Charak BS, et al. Cancer 1990 May 1;65(9):1903–6
Night sweats in Hodgkin's disease. A manifestation of preceding minor febrile pulses. Gobbi PG, et al. Cancer 1990 May 1;65(9):2074–7
Composite Hodgkin's and non-Hodgkin's lymphoma in a patient with acquired immune deficiency syndrome. In-situ demonstration of Epstein-Barr virus. Guarner J, et al. Cancer 1990 Aug 15;66(4):796–800
Treatment of refractory Hodgkin's disease with high-dose cytosine arabinoside and mitoxantrone in combination. Results of a clinical phase II study of the German Hodgkin Study Group. Hiddemann W, et al. Cancer 1990 Sep 1; 66(5):838–43
Hodgkin's disease after non-Hodgkin's malignant lymphoma in acquired immune deficiency syndrome. Senaldi E, et al. Cancer 1990 Sep 1;66(5):960–4

HOME CARE SERVICES

Blood pressure measured telemetrically from home throughout pregnancy. Mooney P, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):30–6
Efficacy of home health care in patients with peripheral vascular disease. Hollier LH, et al. Am J Surg 1990 Aug; 160(2):179–81
Treatment of an infant with tracheobronchomalacia at home with a lightweight, high-humidity, continuous positive airway pressure system. Weigle CG. Crit Care Med 1990 Aug;18(8):892–4
Home care and physician assistants [letter] Pike J. JAMA 1990 Aug 8;264(6):694

HOMELESS PERSONS

Homelessness and housing policy: a game of musical chairs [editorial; comment] Sclar ED. Am J Public Health 1990 Sep;80(9):1039–40. Comment on: Am J Public Health 1990 Sep;80(9):1049–52.
Homeless and housed families in Los Angeles: a study comparing demographic, economic, and family function

characteristics [see comments] Wood D, et al. **Am J Public Health** 1990 Sep;80(9):1049–52. Comment in: Am J Public Health 1990 Sep;80(9):1039–40.
Comparison of risk factors for ill health in a sample of homeless and nonhomeless poor. Winkleby MA. **Public Health Rep** 1990 Jul–Aug;105(4):404–10

HOMEOPATHY

Re-analysis of clinical trial of homoeopathic treatment in fibrositis [letter] Colquhoun D. **Lancet** 1990 Aug 18; 336(8712):441–2

HOMEOSTASIS

Effects of the sulfonylureas on muscle glucose homeostasis. Smith RJ. **Am J Med** 1990 Aug 20;89(2A):38S–43S; discussion 51S–53S (40 ref.)
Regulation and adaptation at the molecular level [editorial] Cheeseman C. **Endocrinology** 1990 Aug;127(2):511–2 (6 ref.)
Relationship between cardiac output and cerebral blood flow in patients with intact and with impaired autoregulation. Bouma GJ, et al. **J Neurosurg** 1990 Sep;73(3):368–74

HOMES FOR THE AGED

The emerging relationship between academic health centers and continuing care retirement communities. Hershey HG, et al. **Acad Med** 1990 Jun;65(6):414–6

HOMICIDE

New extension of the Tarasoff decision [letter] Goldstein RL. **Am J Psychiatry** 1990 Sep;147(9):1250–1
The role of depression in couples involved in murder-suicide and homicide. Rosenbaum M. **Am J Psychiatry** 1990 Aug; 147(8):1036–9
From the Centers for Disease Control. Family and other intimate assaults--Atlanta, 1984. **JAMA** 1990 Sep 12; 264(10):1243–4

HOMOSEXUALITY

Risk of non-Hodgkin lymphoma and Kaposi's sarcoma in homosexual men [letter] Rabkin CS, et al. **Lancet** 1990 Jul 28;336(8709):248–9
Fundamental issues in the care of homosexual youth. Remafedi G. **Med Clin North Am** 1990 Sep;74(5):1169–79 (47 ref.)

HOMOVANILLIC ACID

CSF 5-HIAA and HVA concentrations in elderly depressed patients who attempted suicide. Jones JS, et al. **Am J Psychiatry** 1990 Sep;147(9):1225–7

HOMOZYGOTE

Association of osteoarthritis with homozygosity for a 5.8 kb Taq I fragment of the alpha 1-antichymotrypsin gene. Sakkas LI, et al. **Br J Rheumatol** 1990 Aug;29(4):245–8

HOOKWORM INFECTIONS

Metrifonate or praziquantel treatment improves physical fitness and appetite of Kenyan schoolboys with Schistosoma haematobium and hookworm infections. Latham MC, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):170–9

HORMONES

Complete adipose differentiation of 3T3 L1 cells in a chemically defined medium: comparison to serum-containing culture conditions. Hauner H. **Endocrinology** 1990 Aug;127(2):865–72

HOSPICES

Hospitals get help in running hospices. Anderson HJ. **Hospitals** 1990 Aug 5;64(15):73–4

HOSPITAL ADMINISTRATION

Hospitals get help in running hospices. Anderson HJ. **Hospitals** 1990 Aug 5;64(15):73–4
Proctor and Gamble's model for repositioning. Kaufman N. **Hospitals** 1990 Aug 20;64(16):64
Communicating hospital goals fosters support, says exec. Souhrada L. **Hospitals** 1990 Aug 20;64(16):47
Marketers hone their skills to reach target markets. White D, et al. **Hospitals** 1990 Aug 5;64(15):62, 64, 66
The effects of a policy change on three types of absence. Lee JB, et al. **J Nurs Adm** 1990 Jul–Aug;20(7–8):37–40
Family consent to orders not resuscitate. Reconsidering hospital policy [see comments] Hackler JC, et al. **JAMA** 1990 Sep 12;264(10):1281–3. Comment in: JAMA 1990 Sep 12;264(10):1295–6.

HOSPITAL ADMINISTRATORS

Academic missions of division chiefs in pediatric departments. IV. The division chief as a developer of research programs in a pediatric division. Chesney RW. **Am J Dis Child** 1990 Aug;144(8):895–7
Academic missions of division chiefs in pediatric departments. I. The division chief as an administrator. Fiser RH Jr. **Am J Dis Child** 1990 Aug;144(8):889–90
Academic missions of division chiefs in pediatric departments. III. The division chief as a director of fellowship training. Stapleton FB. **Am J Dis Child** 1990 Aug;144(8):893–5
CEOs: keep capital fold-in out of budget politics. Johnsson J. **Hospitals** 1990 Aug 5;64(15):25
Execs who switch careers get mixed results. Moran EJ. **Hospitals** 1990 Aug 20;64(16):44

HOSPITAL DEPARTMENTS

Academic missions of division chiefs in pediatric departments. IV. The division chief as a developer of research programs in a pediatric division. Chesney RW. **Am J Dis Child** 1990 Aug;144(8):895–7
Academic missions of division chiefs in pediatric departments. II. The division chief as a teacher of adults. Daeschner CW Jr. **Am J Dis Child** 1990 Aug;144(8):891–3
Academic missions of division chiefs in pediatric departments. I. The division chief as an administrator. Fiser RH Jr. **Am J Dis Child** 1990 Aug;144(8):889–90
Academic missions of division chiefs in pediatric departments. III. The division chief as a director of fellowship training. Stapleton FB. **Am J Dis Child** 1990 Aug;144(8):893–5
Occupational exposure to nitrous oxide in four hospitals--a comment [letter] Jørgensen S. **Anaesthesia** 1990 Jun; 45(6):490–1
Clinical assessment of hemodynamic values in two surgical intensive care units. Effects on therapy. Celoria G, et al. **Arch Surg** 1990 Aug;125(8):1036–9
Rehab is profitable, but staff shortages persist. **Hospitals** 1990 Aug 5;64(15):16
Computers help keep patient files confidential. Hard R. **Hospitals** 1990 Aug 20;64(16):49–50
Liability for medical record disclosure is real but rare. Weisman E. **Hospitals** 1990 Aug 20;64(16):28, 32
Radiology department organization [letter] Gemell NI. **Radiology** 1990 Sep;176(3):876

HOSPITAL INFORMATION SYSTEMS

The hidden costs of delayed access to diagnostic imaging information: impact on PACS implementation. Straub WH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):613–6
Computers help keep patient files confidential. Hard R. **Hospitals** 1990 Aug 20;64(16):49–50

HOSPITAL PLANNING

Outpatient centers: do they fill a void or hurt hospitals? Hudson T. **Hospitals** 1990 Aug 20;64(16):52

HOSPITAL UNITS

Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9
Anti-HCV positive patients in dialysis units? [letter] **Lancet** 1990 Jul 28;336(8709):243–4

HOSPITALIZATION

Hospitalization and case fatality for pulmonary embolism in the twin cities: 1979–1984. Lilienfeld DE, et al. **Am Heart J** 1990 Aug;120(2):392–5
Neuroleptic malignant syndrome in 12 of 9,792 Chinese inpatients exposed to neuroleptics: a prospective study. Deng MZ, et al. **Am J Psychiatry** 1990 Sep;147(9):1149–55
Substance use in borderline personality disorder. Dulit RA, et al. **Am J Psychiatry** 1990 Aug;147(8):1002–7
Regional variation in patterns of inpatient psychiatric care. Rosenheck R, et al. **Am J Psychiatry** 1990 Sep; 147(9):1180–3
Admission to hospital with gastroenteritis. Conway SP, et al. **Arch Dis Child** 1990 Jun;65(6):579–84
Immunisation state and its documentation in hospital patients. Ferson MJ. **Arch Dis Child** 1990 Jul;65(7):763–7
Surreptitious noncompliance with oral fluphenazine in a voluntary inpatient population [letter] Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):786–7
A controlled dose comparison of haloperidol in newly admitted schizophrenic patients. Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):754–8
Impact of medical hospitalization on treatment decision-making capacity in the elderly. Fitten LJ, et al. **Arch Intern Med** 1990 Aug;150(8):1717–21
Delirium in the elderly hospitalized patient. Jahnigen DW. **Hosp Pract [Off]** 1990 Aug 15;25(8):135–9, 142, 152 passim
Characteristics of psychiatric inpatients who assault staff severely. Haller RM, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):536–7

HOSPITALS

What will happen to our freedom to refer? [letter] Hall SA. **BMJ** 1990 Jun 23;300(6740):1647
Hospital care for the elderly in the final year of life: a population based study. Henderson J, et al. **BMJ** 1990 Jul 7;301(6742):17–9
The Ventilator-assisted Individuals Study. Goldberg AI, et al. **Chest** 1990 Aug;98(2):428–33
Contracting: a partnership between hospitals and schools of nursing. Anema MG, et al. **J Nurs Adm** 1990 Jul–Aug; 20(7–8):7, 17
Prospective analysis of rural interhospital transfer of injured patients to a referral trauma center. Martin GD, et al. **J Trauma** 1990 Aug;30(8):1014–9; discussion 1019–20
AMA-RPS supports increased hospital security. **JAMA** 1990 Sep 12;264(10):1245
The impact of corporate culture on nurse retention. Curran CR, et al. **Nurs Clin North Am** 1990 Sep;25(3):537–49 (21 ref.)

HOSPITALS, COMMUNITY

First look at 1990: expenses up, revenue fades. Coleman J. **Hospitals** 1990 Aug 5;64(15):70–1
Tailor resources to community's health agenda [interview by Frank Sabatino] Oglesby DK Jr. **Hospitals** 1990 Aug 20;64(16):24–7

HOSPITALS, PSYCHIATRIC

Second-generation deinstitutionalization, I: The impact of Brewster v. Dukakis on state hospital case mix. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):982–7
Second-generation deinstitutionalization, II: The impact of Brewster v. Dukakis on correlates of community and hospital utilization. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):988–93
Assessment and implications of the dietary intakes of hospitalized psychogeriatric patients. Martinez JA, et al. **J Am Diet Assoc** 1990 Aug;90(8):1111–4

HOSPITALS, PUBLIC

Faculty development and organizational systems behavior. Henley CE, et al. **Acad Med** 1990 Jun;65(6):406–9
Second-generation deinstitutionalization, II: The impact of Brewster v. Dukakis on correlates of community and hospital utilization. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):988–93
Second-generation deinstitutionalization, I: The impact of Brewster v. Dukakis on state hospital case mix. Geller JL, et al. **Am J Psychiatry** 1990 Aug;147(8):982–7
"Bounces": an analysis of short-term return visits to a public hospital emergency department. Pierce JM, et al. **Ann Emerg Med** 1990 Jul;19(7):752–7

HOSPITALS, SPECIAL

New whole-blood testing for laboratory support of critical care at cardiac transplant centers and US hospitals. Kost GJ, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):865–8
Advantages and disadvantages of special hospitals for patients with HIV infection. A report by the New York City Task Force on Single-Disease Hospitals. Rothman DJ, et al. **N Engl J Med** 1990 Sep 13;323(11):764–8

HOSPITALS, TEACHING

Innovations in clinical practice through hospital-funded grants. Franklin PD, et al. **Acad Med** 1990 Jun;65(6):355–60
Teaching status and resource use for patients with acute myocardial infarction: a new look at the indirect costs of graduate medical education. Udvarhelyi IS, et al. **Am J Public Health** 1990 Sep;80(9):1095–100

HOSPITALS, VETERANS

Physicians in organizations. Dilemma of the academic VA staff physician. Mirvis DM. **Arch Intern Med** 1990 Aug; 150(8):1621–3

HOTLINES

From the Centers for Disease Control. Rabies and rickettsial diseases hotline. **JAMA** 1990 Aug 8;264(6):680

HOUSEKEEPING

Airborne house dust mite antigen after vacuum cleaning [letter] Kalra S, et al. **Lancet** 1990 Aug 18;336(8712):449

HOUSING

A population-based descriptive study of housefire deaths in North Carolina. Patetta MJ, et al. **Am J Public Health** 1990 Sep;80(9):1116–7
Homelessness and housing policy: a game of musical chairs [editorial; comment] Sclar ED. **Am J Public Health** 1990 Sep;80(9):1039–40. Comment on: Am J Public Health 1990 Sep;80(9):1049–52.
Homeless and housed families in Los Angeles: a study comparing demographic, economic, and family function characteristics [see comments] Wood D, et al. **Am J Public Health** 1990 Sep;80(9):1049–52. Comment in: Am J Public Health 1990 Sep;80(9):1039–40.

HTLV-I

Growth hormone mediates the growth of T-lymphoblast cell

lines via locally generated insulin-like growth factor-I. Geffner ME, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):464-9
Determination of a unique and immunodominant epitope of human T cell lymphotropic virus type I. Lipka JJ, et al. **J Infect Dis** 1990 Aug;162(2):353-7

HTLV-I ANTIBODIES

Human T-lymphotropic virus (HTLV I-II) infection among patients in an inner-city emergency department. Kelen GD, et al. **Ann Intern Med** 1990 Sep 1;113(5):368-72
Prevalence of antibodies to human immunodeficiency virus and to human T cell leukemia virus type I in transfused sickle cell disease patients. Castro O, et al. **J Infect Dis** 1990 Sep;162(3):743-5
Human T lymphotropic virus type I infection in Papua New Guinea: high prevalence among the Hagahai confirmed by western analysis. Yanagihara R, et al. **J Infect Dis** 1990 Sep;162(3):649-54
HTLV-I/II antibodies in UK blood donors [letter] Salker R, et al. **Lancet** 1990 Aug 4;336(8710):317

HTLV-I ANTIGENS

Determination of a unique and immunodominant epitope of human T cell lymphotropic virus type I. Lipka JJ, et al. **J Infect Dis** 1990 Aug;162(2):353-7

HTLV-I INFECTIONS

Human T-lymphotropic virus (HTLV I-II) infection among patients in an inner-city emergency department. Kelen GD, et al. **Ann Intern Med** 1990 Sep 1;113(5):368-72
Patterns of HIV-1 and HTLV-I/II in intravenous drug abusers from the middle atlantic and central regions of the USA. Lee HH, et al. **J Infect Dis** 1990 Aug;162(2):347-52
Determination of a unique and immunodominant epitope of human T cell lymphotropic virus type I. Lipka JJ, et al. **J Infect Dis** 1990 Aug;162(2):353-7
Human T lymphotropic virus type I infection in Papua New Guinea: high prevalence among the Hagahai confirmed by western analysis. Yanagihara R, et al. **J Infect Dis** 1990 Sep;162(3):649-54
Did HIV and HTLV originate in Africa? [letter] Tabor E, et al. **JAMA** 1990 Aug 8;264(6):691-2
Rapid progression to AIDS in dual HIV-1/HTLV-I infection [letter] Lefrère JJ, et al. **Lancet** 1990 Aug 25; 336(8713):509
Kaposi's sarcoma and HTLV-I infection [letter] Veyssier-Belot C, et al. **Lancet** 1990 Sep 1;336(8714):575
HTLV-I-associated myelopathy [letter] Engel WK, et al. **N Engl J Med** 1990 Aug 23;323(8):552
Familial spastic paraparesis syndrome associated with HTLV-I infection. Salazar-Grueso EF, et al. **N Engl J Med** 1990 Sep 13;323(11):732-7
Demyelinating changes in sural nerve biopsy of patients with HTLV-I-associated myelopathy. Sugimura K, et al. **Neurology** 1990 Aug;40(8):1263-6

HTLV-II

Growth hormone mediates the growth of T-lymphoblast cell lines via locally generated insulin-like growth factor-I. Geffner ME, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):464-9

HTLV-II ANTIBODIES

Human T-lymphotropic virus (HTLV I-II) infection among patients in an inner-city emergency department. Kelen GD, et al. **Ann Intern Med** 1990 Sep 1;113(5):368-72
HTLV-I/II antibodies in UK blood donors [letter] Salker R, et al. **Lancet** 1990 Aug 4;336(8710):317

HTLV-II INFECTIONS

Human T-lymphotropic virus (HTLV I-II) infection among patients in an inner-city emergency department. Kelen GD, et al. **Ann Intern Med** 1990 Sep 1;113(5):368-72
High frequency of human T-cell leukemia-lymphoma virus type II infection in New Mexico blood donors: determination by sequence-specific oligonucleotide hybridization. Hjelle B, et al. **Blood** 1990 Aug 1;76(3):450-4
Patterns of HIV-1 and HTLV-I/II in intravenous drug abusers from the middle atlantic and central regions of the USA. Lee HH, et al. **J Infect Dis** 1990 Aug;162(2):347-52
HTLV-II infection in Italian drug abusers [letter] Zella D, et al. **Lancet** 1990 Sep 1;336(8714):575-6

HUMAN EXPERIMENTATION

Physician ethics in human research: the role of medical publications [editorial] Iserson KV. **Ann Emerg Med** 1990 Jul;19(7):828-30

HUMAN RIGHTS

Animal rights and human rights. It's time to pull the frog out of the pot. Bailey BJ. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1017-8
Judicial amputation and human rights [letter] **Lancet** 1990 Sep 1;336(8714):572

HUMIC ACIDS

Blackfoot disease [letter] Chen CJ. **Lancet** 1990 Aug 18; 336(8712):442

HUMIDITY

Effects of humid air breathing during arm or treadmill exercise on exercise-induced bronchoconstriction and refractoriness. Wilson BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):349-52
Effect of inhaling heated vapor on symptoms of the common cold. Macknin ML, et al. **JAMA** 1990 Aug 22-29; 264(8):989-91

HUNTINGTON CHOREA

Are there neuropsychologic manifestations of the gene for Huntington's disease in asymptomatic, at-risk individuals? Strauss ME, et al. **Arch Neurol** 1990 Aug;47(8):905-8
Brain GABA levels in asymptomatic Huntington's disease [letter] Reynolds GP, et al. **N Engl J Med** 1990 Sep 6; 323(10):682
Evidence for a defect in NADH: ubiquinone oxidoreductase (complex I) in Huntington's disease. Parker WD JR, et al. **Neurology** 1990 Aug;40(8):1231-4

HYALINE MEMBRANE DISEASE

Toxic effects associated with the administration of deferoxamine in the premature baboon with hyaline membrane disease. deLemos RA, et al. **Am J Dis Child** 1990 Aug;144(8):915-9
Mechanisms for reduced total lung capacity at birth and during hyaline membrane disease in premature newborn monkeys. Jackson JC, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):413-9

HYBRIDOMAS

Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. Kuchroo VK, et al. **J Immunol** 1990 Aug 15;145(4):1059-65
Generation of class I MHC-restricted T-T hybridomas. Rock KL, et al. **J Immunol** 1990 Aug 1;145(3):804-11

HYDATIDIFORM MOLE

Differential diagnosis between complete mole and hydropic abortus by deoxyribonucleic acid fingerprints. Nobunaga T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):634-8
Discrepancy in the diagnoses of hydatidiform mole by macroscopic and microscopic findings and the deoxyribonucleic acid fingerprint method. Takahashi H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):112-3

HYDRAMNIOS

Indomethacin treatment for polyhydramnios and subsequent infantile nephrogenic diabetes insipidus. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):98-9
Maternal lithium therapy and polyhydramnios. Ang MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):517-9
Tracheal agenesis. Chiu T, et al. **South Med J** 1990 Aug; 83(8):925-30 (13 ref.)

HYDROCARBONS

Extracorporeal membrane oxygenation for hydrocarbon aspiration. Scalzo AJ, et al. **Am J Dis Child** 1990 Aug; 144(8):867-71

HYDROCARBONS, BROMINATED

Unintentional methyl bromide gas release Florida, 1988. Polkowski J, et al. **J Toxicol Clin Toxicol** 1990;28(1):127-30

HYDROCHLOROTHIAZIDE

Pseudoporphyria due to dyazide in a patient with vitiligo. Motley RJ. **BMJ** 1990 Jun 2;300(6737):1468

HYDROCORTISONE

Hydrocortisone delay of tissue repair of experimental tympanic membrane perforations. Spandow O, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):647-53
Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900-6
Differential effects of in vitro glucocorticoids on luteinizing hormone and follicle-stimulating hormone secretion: dependence on sex of pituitary donor. D'Agostino J, et al. **Endocrinology** 1990 Aug;127(2):891-9
Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Mitchell IC, et al. **Gut** 1990 Jun;31(6):674-8
Inhibition of growth and angiogenesis of human neurofibrosarcoma by heparin and hydrocortisone. Lee JK, et al. **J Neurosurg** 1990 Sep;73(3):429-35
Glycyrrhetinic acid and potentiation of hydrocortisone activity in skin [letter] Edwards CR, et al. **Lancet** 1990 Aug 4;336(8710):322-3

HYDROGEN

Comparative study of hydrogen and methane production in the human colon using caecal and faecal homogenates. Flourié B, et al. **Gut** 1990 Jun;31(6):684-5
Alternative pathways for hydrogen disposal during fermentation in the human colon. Gibson GR, et al. **Gut** 1990 Jun;31(6):679-83
Inhibition of parietal cell H+ secretion by transforming growth factor alpha: a possible autocrine regulatory mechanism. Lewis JJ, et al. **Surgery** 1990 Aug;108(2):220-6; discussion 226-7

HYDROGEN-ION CONCENTRATION

Inhibition of Na/H exchange in avian intestine by atrial natriuretic factor. Semrad CE, et al. **J Clin Invest** 1990 Aug;86(2):585-91

HYDROGEN PEROXIDE

Ingestion of 35% hydrogen peroxide. Humberston CL, et al. **J Toxicol Clin Toxicol** 1990;28(1):95-100
Mechanism of protection of oxidant-injured endothelial cells by glutamine. Hinshaw DB, et al. **Surgery** 1990 Aug; 108(2):298-304; discussion 304-5

HYDROLASES

Familial hypermethioninemia partially responsive to dietary restriction. Labrune P, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):220-6

HYDRONEPHROSIS

The importance of visualizing the ureter before performing a pyeloplasty. Cockrell SN, et al. **J Urol** 1990 Aug;144(2 Pt 2):588-92; discussion 593-4
Evaluation of fetal renal function: unreliability of fetal urinary electrolytes. Elder JS, et al. **J Urol** 1990 Aug;144(2 Pt 2):574-8; discussion 593-4
Transitional hydronephrosis of the newborn and infant. Homsy YL, et al. **J Urol** 1990 Aug;144(2 Pt 2):579-83; discussion 593-4
The postnatal management of hydronephrosis diagnosed by prenatal ultrasound. Ransley PG, et al. **J Urol** 1990 Aug; 144(2 Pt 2):584-7; discussion 593-4
Anti-glomerular basement membrane disease after renal obstruction [letter] Weber M, et al. **Lancet** 1990 Aug 25; 336(8713):512-3

HYDROPS FETALIS

Primary endocardial fibroelastosis associated with hydrops fetalis in a premature infant. Wolfson DJ, et al. **Am Heart J** 1990 Sep;120(3):708-11 (17 ref.)
Niemann-Pick disease associated with nonimmune hydrops fetalis. Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):128-9
Differential diagnosis between complete mole and hydropic abortus by deoxyribonucleic acid fingerprints. Nobunaga T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):634-8
Atrial natriuretic factor in hydrops fetalis caused by Rh isoimmunisation. Moya FR, et al. **Arch Dis Child** 1990 Jul; 65(7 Spec No):683-6

HYDROXIDES

Hemorrhagic shock-induced bacterial translocation: the role of neutrophils and hydroxyl radicals. Deitch EA, et al. **J Trauma** 1990 Aug;30(8):942-51; discussion 951-2

HYDROXOCOBALAMIN

Studies of cobalamin as a vehicle for the renal excretion of cyanide anion. Williams HL, et al. **J Lab Clin Med** 1990 Jul;116(1):37-44

HYDROXYAPATITES

Mechanical behavior of mandibular continuity defects reconstructed using combinations of hydroxylapatite and autogenous bone. Eick JD, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):823-30

HYDROXYBUTYRATES

The protective effect of gamma-hydroxybutyrate in regional intestinal ischemia in the hamster. Boyd AJ, et al. **Gastroenterology** 1990 Sep;99(3):860-2

HYDROXYCHOLESTEROLS

Focal toxicity of oxysterols in vascular smooth muscle cell culture. A model of the atherosclerotic core region. Guyton JR, et al. **Am J Pathol** 1990 Aug;137(2):425-34

17-HYDROXYCORTICOSTEROIDS

Electron microscopic findings in benign deoxycorticosterone and 11-deoxycortisol-producing adrenal tumor. Osanai T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):829-31

Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305-10

HYDROXYINDOLEACETIC ACID

CSF 5-HIAA and HVA concentrations in elderly depressed patients who attempted suicide. Jones JS, et al. **Am J Psychiatry** 1990 Sep;147(9):1225-7

HYDROXYLASES

Zinc protoporphyrin administration for suppression of increased bilirubin production by iatrogenic hemolysis in rhesus neonates. Vreman HJ, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):292-7

HYDROXYMETHYLGLUTARYL COA REDUCTASES

Sleep disturbance and HMG CoA reductase inhibitors [letter] Black DM, et al. **JAMA** 1990 Sep 5;264(9):1105

HYDROXYQUINOLINES

Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Grimfors G, et al. **Blood** 1990 Aug 1; 76(3):583-9

HYDROXYSTEROID DEHYDROGENASES

11 beta-hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Moisan MP, et al. **Endocrinology** 1990 Sep;127(3):1450-5

3-HYDROXYSTEROID DEHYDROGENASES

Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Dupont E, et al. **Endocrinology** 1990 Sep;127(3):1394-403

17-HYDROXYSTEROID DEHYDROGENASES

Ovarian 17-ketosteroid reductase deficiency as a possible cause of polycystic ovarian disease. Toscano V, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):288-92

HYDROXYUREA

Reversible hyperpigmentation associated with high dose hydroxyurea. Majumdar G, et al. **BMJ** 1990 Jun 2; 300(6737):1468

HYPERALDOSTERONISM

Pseudo-Bartter's syndrome in cystic fibrosis. Kennedy JD, et al. **Arch Dis Child** 1990 Jul;65(7):786-7

HYPERBARIC OXYGENATION

Hyperbaric oxygen therapy for air embolism complicating operative hysteroscopy [letter] Tur-Kaspa I. **Am J Obstet Gynecol** 1990 Aug;163(2):680-1

HYPERCALCEMIA

Measurement of circulating parathyroid hormone-related protein in rats with humoral hypercalcemia of malignancy using a two-site immunoradiometric assay. Gaich G, et al. **Endocrinology** 1990 Sep;127(3):1444-9

Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310-8

HYPERCAPNIA

Naloxone increases ventilatory response to hypercapnic hypoxia in healthy adult humans. Akiyama Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):301-5

HYPERCHOLESTEROLEMIA

Children should not be routinely screened for high blood cholesterol [letter] Newman TB, et al. **Am J Dis Child** 1990 Aug;144(8):851-2

Variabilities in serum lipid measurements. Do they impede proper diagnosis and treatment of dyslipidemia? [comment] Dujovne CA, et al. **Arch Intern Med** 1990 Aug; 150(8):1583-5. Comment on: Arch Intern Med 1990 Aug;150(8):1645-8. Comment on: Arch Intern Med 1990 Aug;150(8):1653-7.

Prevention of coronary heart disease in Scotland [letter] Dunnigan MG. **BMJ** 1990 Jun 16;300(6739):1583

Pharmacokinetics and pharmacodynamics of pravastatin alone and with cholestyramine in hypercholesterolemia. Pan HY, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):201-7

Cholesterol measurement and treatment in community practices. Hudson JW, et al. **J Fam Pract** 1990 Aug; 31(2):139-44

Sleep disturbance and HMG CoA reductase inhibitors [letter] Black DM, et al. **JAMA** 1990 Sep 5;264(9):1105

HYPEREMIA

Diminished reactive hyperemia in the skin of critically ill patients. Haisjackl M, et al. **Crit Care Med** 1990 Aug; 18(8):813-8

HYPERGLYCEMIA

The effects of transient hyperglycemia on brain glucose in rats anesthetized with halothane. Weglinski MR, et al. **Anesthesiology** 1990 Aug;73(2):291-6

Short-term hyperglycemia depresses immunity through nonenzymatic glycosylation of circulating immunoglobulin. Black CT, et al. **J Trauma** 1990 Jul;30(7):830-2; discussion 832-3

HYPERKALEMIA

Hyperkalemia after irradiation of packed red blood cells: possible effects with intravascular fetal transfusion. Thorp JA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):607-9

HYPERLIPIDEMIA

Proteinuria, not altered albumin metabolism, affects hyperlipidemia in the nephrotic rat. Davies RW, et al. **J Clin Invest** 1990 Aug;86(2):600-5

Comparison of an immunochemical assay for plasma fibrinogen and a turbidimetric thrombin clotting technique to discriminate hyperlipidaemic patients from healthy controls. Knapp ML, et al. **J Clin Pathol** 1990 Jun; 43(6):508-10

Hyperlipidemia in the nephrotic syndrome [editorial: comment] Keane WF, et al. **N Engl J Med** 1990 Aug 30; 323(9):603-4. Comment on: N Engl J Med 1990 Aug 30;323(9):579-84.

HYPERNATREMIA

Correction of hypernatraemia with continuous arteriovenous haemodiafiltration. Moss GD, et al. **Arch Dis Child** 1990 Jun;65(6):628-30

Glucose polymer regimens and hypernatraemia. Verber IG, et al. **Arch Dis Child** 1990 Jun;65(6):627-8

Hypernatremia associated with N-acetylcysteine therapy for meconium ileus in a premature infant. Langer JC, et al. **Can Med Assoc J** 1990 Aug 1;143(3):202-3

HYPEROSTOSIS

Hyperostosis: a strange complication after a vascularized bone transplantation from the iliac crest [letter] Hell B. **Plast Reconstr Surg** 1990 Sep;86(3):610

HYPERPARATHYROIDISM

Unilateral neck exploration for primary hyperparathyroidism. Lucas RJ, et al. **Arch Surg** 1990 Aug;125(8):982-4; discussion 984-5

Role of thallium-201/technetium-99m subtraction scanning in persistent or recurrent hypercalcaemia following parathyroidectomy. Wilson NM, et al. **Br J Surg** 1990 Jul; 77(7):794-5

Self-limited neonatal familial hyperparathyroidism associated with hypercalciuria and renal tubular acidosis in three siblings. Nishiyama S, et al. **Pediatrics** 1990 Sep;86(3):421-7

Primary hyperparathyroidism in patients with renal stones. Sedlack JD, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):206-8

HYPERSENSITIVITY

Testing for allergic disease [letter] Smith SJ, et al. **Ann Intern Med** 1990 Aug 15;113(4):331-2

Desensitisation today. Eiser N. **BMJ** 1990 Jun 2; 300(6737):1412-3 (23 ref.)

Persistence of increased nonspecific bronchial reactivity in allergic children and adolescents. Davé NK, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):147-53

Occupational sensitivity to Tenebrio molitor Linnaeus (yellow mealworm). Schroeckenstein DC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):182-8

Mast cell chymase potentiates histamine-induced wheal formation in the skin of ragweed-allergic dogs. Rubinstein I, et al. **J Clin Invest** 1990 Aug;86(2):555-9

HYPERSENSITIVITY, DELAYED

Capsaicin-sensitive primary sensory neurons are potent modulators of murine delayed-type hypersensitivity reactions. Girolomoni G, et al. **J Immunol** 1990 Aug 15; 145(4):1105-12

HYPERSENSITIVITY, IMMEDIATE

Allergy screening tests [letter] Marinkovich VA. **West J Med** 1990 Jul;153(1):87-8

HYPERTENSION

Lipid abnormalities and diuretics [letter] Feeman WE Jr. **Am Fam Physician** 1990 Aug;42(2):315, 318, 321-4

Safety and tolerability of metoprolol OROS in hypertension treatment. Feliciano N, et al. **Am Heart J** 1990 Aug; 120(2):490-4

Correlates of diastolic filling abnormalities in hypertension: a Doppler echocardiographic study. Szlachcic J, et al. **Am Heart J** 1990 Aug;120(2):386-91

Effects of nifedipine SR and enalapril on office, home and ambulatory blood pressure in "white-coat" systemic hypertension. Ashida T, et al. **Am J Cardiol** 1990 Aug 15; 66(4):498-501

Intracellular sodium levels in pregnant women with hypertension [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):261-2

Laboratory identification of the lupus anticoagulant in normal pregnancy and pregnancy-induced hypertension [letter] Riveros DA, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):704-5

Outcome of renal crisis in systemic sclerosis: relation to availability of angiotensin converting enzyme (ACE) inhibitors. Steen VD, et al. **Ann Intern Med** 1990 Sep 1; 113(5):352-7

Paradoxical hypertension after repair of coarctation of the aorta: a review of its causes. Sealy WC. **Ann Thorac Surg** 1990 Aug;50(2):323-9 (101 ref.)

Calcium channel blockers as second-line therapy in thiazide-resistant hypertension [letter] Collart F, et al. **Arch Intern Med** 1990 Aug;150(8):1755, 1758, 1760

Hypertensive black men and women. Quality of life and effects of antihypertensive medications. Black Hypertension Quality of Life Multicenter Trial Group. Croog SH, et al. **Arch Intern Med** 1990 Aug;150(8):1733-41

A comparison of the efficacy and safety of a beta-blocker, a calcium channel blocker, and a converting enzyme inhibitor in hypertensive blacks. Saunders E, et al. **Arch Intern Med** 1990 Aug;150(8):1707-13

Antihypertensive and adverse biochemical effects of bendrofluazide [letter] **BMJ** 1990 Jun 2;300(6737):1465-6

Antihypertensive and adverse biochemical effects of bendrofluazide [letter] Johnston GD. **BMJ** 1990 Jul 7; 301(6742):42-3

Relaxation therapy and continuous ambulatory blood pressure in mild hypertension: a controlled study. van Montfrans GA, et al. **BMJ** 1990 May 26;300(6736):1368-72

Thrombin-antithrombin III complex levels in normal pregnancy with hypertensive disorders and after delivery. Reinthaller A, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):506-10

New drugs for hypertension: should data precede conclusions? Myers MG. **Can Med Assoc J** 1990 Aug 15; 143(4):265-7 (10 ref.)

Attenuated vasodilator responses to Mg2+ in young patients with borderline hypertension. Fujita T, et al. **Circulation** 1990 Aug;82(2):384-93

The renin-angiotensin system in hypertension: an update. Brunner HR. **Hosp Pract [Off]** 1990 Aug 15;25(8):71-81 (7 ref.)

Esmolol for treatment of intraoperative tachycardia and/or hypertension in patients having cardiac operations. Bolus loading technique. Reves JG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):221-7

Black-white differences in stroke incidence in a national sample. The contribution of hypertension and diabetes mellitus. Kittner SJ, et al. **JAMA** 1990 Sep 12; 264(10):1267-70

Treadmill testing in hypertensives [letter] Miller AJ. **JAMA** 1990 Aug 22-29;264(8):973

Treatment of hypertension in the elderly. Tjoa HI, et al. **JAMA** 1990 Aug 22-29;264(8):1015-8 (32 ref.)

Antihypertensive activity of sinorphan [letter] Lefrançois P, et al. **Lancet** 1990 Aug 4;336(8710):307-8

Renal artery stenosis and peripheral vascular disease: implications for ACE inhibitor therapy [letter] Salmon P, et al. **Lancet** 1990 Aug 4;336(8710):321

Regression of hypertensive left ventricular hypertrophy and left ventricular diastolic function. Shahi M, et al. **Lancet** 1990 Aug 25;336(8713):458-61

Cyclosporine, sympathetic activity, and hypertension [editorial; comment] Mark AL. **N Engl J Med** 1990 Sep 13;323(11):748-50. Comment on: N Engl J Med 1990 Seo 13;323(11):693-9.

Cyclosporine-induced sympathetic activation and hypertension after heart transplantation [see comments] Scherrer U, et al. **N Engl J Med** 1990 Sep 13;323(11):693-9 . Comment in: N Engl J Med 1990 Sep 13;323(11):748-50.

Does standing up improve the predictive value of the supine pressor test for gestational hypertension? Okonofua FE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):332-5

Developing a model for the study of quality of life in elderly patients with chronic disease: use of hypertension as an example. Rice S, et al. **South Med J** 1990 Aug;83(8):941-6

HYPERTENSION, PULMONARY

Stretching the effect of the balloon. Mitral valvuloplasty and

pulmonary function [editorial; comment] Bittl JA. **Chest** 1990 Aug;98(2):259–60. Comment on: Chest 1990 Aug;98(2):290–4.
Usefulness of left and right oblique subcostal view in the echo–Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo–Doppler evaluation of pulmonary blood flow. Ferrazza A, et al. **Chest** 1990 Aug;98(2):286–9
Exercise limitation in patients with polymyositis. Hebert CA, et al. **Chest** 1990 Aug;98(2):352–7
Pulsed Doppler echocardiography in the diagnosis of pulmonary hypertension in COPD. Miguéres M, et al. **Chest** 1990 Aug;98(2):280–5

HYPERTENSION, RENAL

Mechanism of decreased baroreceptor activity in chronic hypertensive rabbits. Role of endogenous prostanoids. Xie PL, et al. **J Clin Invest** 1990 Aug;86(2):625–30

HYPERTENSION, RENOVASCULAR

Improved results of vascular reconstruction in pediatric and young adult patients with renovascular hypertension. Martinez A, et al. **J Urol** 1990 Sep;144(3):717–20

HYPERTHERMIA, INDUCED

Hyperthermic isolated perfusion with melphalan in the treatment of advanced malignant melanoma of the lower limb. Skene AI, et al. **Br J Surg** 1990 Jul;77(7):765–7
Superficial microwave–induced hyperthermia in the treatment of chest wall recurrences in breast cancer. DuBois JB, et al. **Cancer** 1990 Sep 1;66(5):848–52
A combined therapy of hyperthermia and tumor necrosis factor for nude mice bearing KK–47 bladder cancer. Amano T, et al. **J Urol** 1990 Aug;144(2 Pt 1):370–4

HYPERTHYROIDISM

Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144–52
Prenatal diagnosis of fetal hyperthyroidism using funipuncture. Wenstrom KD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):513–7

HYPERTONIC SOLUTIONS

Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo–neurohypophyseal explants. Yagil C, et al. **Endocrinology** 1990 Sep;127(3):1428–35

HYPERTRIGLYCERIDEMIA

Lymphadenopathy associated with severe hypertriglyceridemia. Leaf DA, et al. **JAMA** 1990 Aug 8;264(6):727–8

HYPERVENTILATION

Misuse of the pulse oximeter by the ... patient! [letter] Azzam FJ, et al. **Anesthesiology** 1990 Aug;73(2):355
Thalamic hemorrhage imitating hyperventilation. Scialdone AM. **Ann Emerg Med** 1990 Jul;19(7):817–9

HYPERVITAMINOSIS A

Evaluation of vitamin A toxicity. Hathcock JN, et al. **Am J Clin Nutr** 1990 Aug;52(2):183–202 (224 ref.)

HYPHOMYCETES

Antibody response to the 43 kDa glycoprotein of Paracoccidioides brasiliensis as a marker for the evaluation of patients under treatment. Giannini MJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):200–6

HYPNOSIS

Self hypnotherapeutic treatment of habitual reflex vomiting. Sokel BS, et al. **Arch Dis Child** 1990 Jun;65(6):626–7
Changes in rectal sensitivity after hypnotherapy in patients with irritable bowel syndrome. Prior A, et al. **Gut** 1990 Aug;31(8):896–8
Clinical applications of hypnotherapy. Manusov EG. **J Fam Pract** 1990 Aug;31(2):180–4 (25 ref.)

HYPNOTICS AND SEDATIVES

Pre–induction behaviour of children. A review of placebo–controlled trials of sedatives. Morgan–Hughes JO, et al. **Anaesthesia** 1990 Jun;45(6):427–35 (40 ref.)
Propofol infusion for sedation of children. Nørreslet J, et al. **Crit Care Med** 1990 Aug;18(8):890–2
Ketamine by continuous infusion for sedation in the pediatric intensive care unit. Tobias JD, et al. **Crit Care Med** 1990 Aug;18(8):819–21

HYPOALDOSTERONISM

Low molecular weight heparins and hypoaldosteronism. Levesque H, et al. **BMJ** 1990 Jun 2;300(6737):1437–8

HYPOCALCEMIA

Hypocalcemic myocardial dysfunction: short– and long–term improvement with calcium replacement. Wong CK, et al. **Am Heart J** 1990 Aug;120(2):381–6
Calcium: does it have a therapeutic role in sepsis? [editorial; comment] Chernow B. **Crit Care Med** 1990 Aug; 18(8):895–6. Comment on: Crit Care Med 1990 Aug;18(8):851–7.

HYPOCHONDRIASIS

Transient hypochondriasis. Barsky AJ, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):746–52

HYPOGASTRIC PLEXUS

Superior hypogastric plexus block for pelvic cancer pain. Plancarte R, et al. **Anesthesiology** 1990 Aug;73(2):236–9

HYPOGLYCEMIA

Embryopathic effects of short–term exposure to hypoglycemia in mouse embryos in vitro. Smoak IW, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):619–24
Successful treatment of hypoglycemia using glucagon in a patient with an extrapancreatic tumor. Samaan NA, et al. **Ann Intern Med** 1990 Sep 1;113(5):404–6
Differential effects of human and pork insulin–induced hypoglycemia on neuronal functions in humans. Kern W, et al. **Diabetes** 1990 Sep;39(9):1091–8
Investigation of the mechanism by which insulin–induced hypoglycemia decreases luteinizing hormone secretion in ovariectomized ewes. Clarke IJ, et al. **Endocrinology** 1990 Sep;127(3):1470–6
Hypoglycemia in children with insulin–dependent diabetes mellitus [letter] Bell DS, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):340–1
Specificity of hypoglycaemia for cerebral malaria in children. Kawo NG, et al. **Lancet** 1990 Aug 25;336(8713):454–7

HYPOKALEMIA

Anesthetic management of severely hypokalemic patients for liver transplantation. Khoury GF, et al. **Anesthesiology** 1990 Aug;73(2):337–40

HYPONATREMIA

Role of cigarette use in hyponatremia in schizophrenic patients. Allon M, et al. **Am J Psychiatry** 1990 Aug; 147(8):1075–7
Treating hyponatremia: what is all the controversy about? Berl T. **Ann Intern Med** 1990 Sep 15;113(6):417–9 (33 ref.)

HYPOPARATHYROIDISM

Hypercalcemia in a calcitriol–treated hypoparathyroid woman during lactation. Caplan RH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):485–9

HYPOPHARYNX

Staple gun in the surgery of hypopharyngeal diverticula. Westmore GA. **J Laryngol Otol** 1990 Jul;104(7):553–6

HYPOPHYSECTOMY

Abnormal parathyroid hormone–related peptide stimulation of renal 25–hydroxyvitamin D–1–hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Nesbitt T, et al. **Endocrinology** 1990 Aug;127(2):843–8
Quantitative cytological studies of spermatogenesis in intact and hypophysectomized rats: identification of androgen–dependent stages. Sun YT, et al. **Endocrinology** 1990 Sep;127(3):1215–23
Fatal pulmonary thromboembolism after successful transsphenoidal hypophysectomy for Cushing's disease. Jackson JA, et al. **South Med J** 1990 Aug;83(8):960–2

HYPOPITUITARISM

Improvement of pituitary function after surgical decompression for pituitary tumor apoplexy. Arafah BM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):323–8
Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11–deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305–10
Premature mortality due to cardiovascular disease in hypopituitarism. Rosén T, et al. **Lancet** 1990 Aug 4; 336(8710):285–8

HYPOSPADIAS

Variable expression of 5 alpha–reductase deficiency: presentation with male phenotype in a child of Greek origin. Carpenter TO, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):318–22
Endocrine evaluation of adults with mild hypospadias. Gearhart JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):274–7
Caudal epidural anesthesia reduces blood loss during hypospadias repair. Gunter JB, et al. **J Urol** 1990 Aug;144(2 Pt 2):517–9; discussion 530
Single stage hypospadias reconstruction without fistula. Kass EJ, et al. **J Urol** 1990 Aug;144(2 Pt 2):520–2; discussion 530
Experience with 81, 1–stage hypospadias/chordee repairs with free graft urethroplasties. Rober PE, et al. **J Urol** 1990 Aug;144(2 Pt 2):526–9; discussion 530
Sleeve advancement distal hypospadias repair. Spencer JR, et al. **J Urol** 1990 Aug;144(2 Pt 2):523–5; discussion 530
Treatment of posterior hypospadias by the autologous graft of cultured urethral epithelium. Romagnoli G, et al. **N Engl J Med** 1990 Aug 23;323(8):527–30

HYPOTENSION

Topical lignocaine: toxic lignocaine [letter] Scott DB. **Anaesthesia** 1990 Jun;45(6):502

HYPOTENSION, ORTHOSTATIC

Decreased high affinity state in platelet alpha 2–adrenoceptors from diabetic patients with orthostatic hypotension. Senard JM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):311–7

HYPOTHALAMO–HYPOPHYSEAL SYSTEM

Maturation of the hypothalamic control of pulsatile gonadotropin–releasing hormone secretion at onset of puberty. I. Increased activation of N–methyl–D–aspartate receptors. Bourguignon JP, et al. **Endocrinology** 1990 Aug; 127(2):873–81
Unexpected inhibitory action of N–methyl–D,L–aspartate or luteinizing hormone release in adult ovariectomized rhesus monkeys: a role of the hypothalamic–adrenal axis. Reyes A, et al. **Endocrinology** 1990 Aug;127(2):724–9

HYPOTHALAMUS

Acute vertiginous presentation of primary thalamic hemorrhage. Nagaratnam N, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1077–8
Maturation of the hypothalamic control of pulsatile gonadotropin–releasing hormone secretion at onset of puberty. I. Increased activation of N–methyl–D–aspartate receptors. Bourguignon JP, et al. **Endocrinology** 1990 Aug; 127(2):873–81
Gamma–aminobutyric acid–A and –B receptor antagonists increase luteinizing hormone–releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen–treated rats. Hartman RD, et al. **Endocrinology** 1990 Sep;127(3):1336–45
11 beta–hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Moisan MP, et al. **Endocrinology** 1990 Sep;127(3):1450–5
Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Sanacora G, et al. **Endocrinology** 1990 Aug;127(2):730–7
Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo–neurohypophyseal explants. Yagil C, et al. **Endocrinology** 1990 Sep;127(3):1428–35
Growth hormone–releasing hormone messenger ribonucleic acid in the hypothalamus of the adult male rat is increased by testosterone. Zeitler P, et al. **Endocrinology** 1990 Sep; 127(3):1362–8

HYPOTHALAMUS, ANTERIOR

Gonadotropin–releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating–induced luteinizing hormone surge. Kaynard AH, et al. **Endocrinology** 1990 Sep;127(3):1176–85

HYPOTHALAMUS, MIDDLE

Gonadotropin–releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating–induced luteinizing hormone surge. Kaynard AH, et al. **Endocrinology** 1990 Sep;127(3):1176–85
Expression of neural 5 alpha–reductase messenger ribonucleic acid: comparison to 5 alpha–reductase activity during prenatal development in the rat. Lephart ED, et al. **Endocrinology** 1990 Sep;127(3):1121–8

HYPOTHERMIA

Effect of hypothermia and cardiac arrest on outcome of near–drowning accidents in children. Biggart MJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):179–83
Toxic reaction following treatment of typhoid fever with pefloxacin [letter] Caumes E, et al. **Lancet** 1990 Jul 28; 336(8709):252

HYPOTHERMIA, INDUCED

Is systemic cooling essential for open heart surgery? [letter] Victor S, et al. **Ann Thorac Surg** 1990 Aug;50(2):334–5
Rapid cooling contracture of the myocardium. The adverse effect of prearrest cardiac hypothermia. Rebeyka IM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):240–9
Brain tissue pH, oxygen tension, and carbon dioxide tension in profoundly hypothermic cardiopulmonary bypass. Pulsatile assistance for circulatory arrest, low-flow perfusion, and moderate-flow perfusion. Watanabe T, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):274–80
Therapeutic deep hypothermic circulatory arrest in dogs: a resuscitation modality for hemorrhagic shock with 'irreparable' injury. Tisherman SA, et al. **J Trauma** 1990 Jul;30(7):836–47

HYPOTHYROIDISM

Early hypothyroidism in patients with menorrhagia [letter] Blesing NE, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):697
Screening infertile women for subclinical hypothyroidism [letter] Strickland DM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):262–3
Thyroid dysfunction in postpartum depression [letter] Claman P. **Am J Psychiatry** 1990 Aug;147(8):1101
Accelerated bone loss in hypothyroid patients overtreated with L-thyroxine. Stall GM, et al. **Ann Intern Med** 1990 Aug 15;113(4):265–9
Successful outcome of pregnancy with severe hypothyroidism. Case report and literature review. Balen AH, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):536–9 (25 ref.)
Periodic health examination, 1990 update: 1. Early detection of hyperthyroidism and hypothyroidism in adults and screening of newborns for congenital hypothyroidism [letter] Gold A. **Can Med Assoc J** 1990 Aug 15; 143(4):259–60
Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144–52
Pathophysiology of pulsatile and copulsatile release of thyroid-stimulating hormone, luteinizing hormone, follicle-stimulating hormone, and alpha-subunit. Samuels MH, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):425–32
Age-adjusted thyrotropin criteria for neonatal screening for hypothyroidism. Allen DB, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):309–12
Longitudinal assessment of L-thyroxine therapy for congenital hypothyroidism. Germak JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):211–9
Hypothyroidism [letter] **Lancet** 1990 Aug 4;336(8710):315–6

HYPOVENTILATION

The management of chronic hypoventilation. Strumpf DA, et al. **Chest** 1990 Aug;98(2):474–80 (33 ref.)

HYSTERECTOMY

The impact of a quality assurance process on the frequency and confirmation rate of hysterectomy. Gambone JC, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):545–50
Hysterectomy or what? [letter] Stirrat GM, et al. **Lancet** 1990 Aug 18;336(8712):445
Hysterectomy for chronic pelvic pain of presumed uterine etiology [letter] Rulin MC. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):478
CA 125 levels in menopausal women. Westhoff C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):428–31

HYSTEROSCOPY

Modified laparoscopy for monitoring transcervical surgery [letter] Lin BL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):243–4
Hyperbaric oxygen therapy for air embolism complicating operative hysteroscopy [letter] Tur-Kaspa I. **Am J Obstet Gynecol** 1990 Aug;163(2):680–1

IATROGENIC DISEASE

Iatrogenic injury to the bile duct. Who, how, where? Moossa AR, et al. **Arch Surg** 1990 Aug;125(8):1028–30; discussion 1030–1

IBUPROFEN

Ibuprofen and renal disease [letter] Furey SA. **Ann Intern Med** 1990 Sep 15;113(6):481–2
The effective treatment of postpericardiotomy syndrome after cardiac operations. A randomized placebo-controlled trial. Horneffer PJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):292–6

IDENTIFICATION (PSYCHOLOGY)

The influence of applicants' gender on medical school interviews. Marquart JA, et al. **Acad Med** 1990 Jun; 65(6):410–1

IFOSFAMIDE

Nephrotoxicity after ifosfamide. Skinner R, et al. **Arch Dis Child** 1990 Jul;65(7):732–8
Ifosfamide-induced renal tubular dysfunction and rickets in children with Wilms tumor. Burk CD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):331–5
Cyclophosphamide versus ifosfamide in paediatric oncology [letter] Kushner BH, et al. **Lancet** 1990 Jul 28; 336(8709):253–4

IGA

Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Feigert JM, et al. **Ann Intern Med** 1990 Sep 1;113(5):362–7
Suppression of rheumatoid factor production by methotrexate in patients with rheumatoid arthritis. Evidence for differential influences of therapy and clinical status on IgM and IgA rheumatoid factor expression. Alarcón GS, et al. **Arthritis Rheum** 1990 Aug;33(8):1156–61
Protracted enteric cryptosporidial infection in selective immunoglobulin A and saccharomyces opsonin deficiencies. Jacyna MR, et al. **Gut** 1990 Jun;31(6):714–6
Isotype modulation of idiotypic expression in recombinant isotypic variants of MOPC 315. Rinfret A, et al. **J Immunol** 1990 Aug 1;145(3):925–31

IGD

The in vivo generation of murine IgD-secreting cells is accompanied by deletion of the C mu gene and occasional deletion of the gene for the C delta 1 domain. Mountz JD, et al. **J Immunol** 1990 Sep 1;145(5):1583–91

IGE

Effects of the PAF antagonist WEB 2086 on PAF-induced physiologic alterations and on IgE anaphylaxis in the rabbit. Lohman I, et al. **Am Rev Respir Dis** 1990 Aug;142(2):390–7
Cellular control of IgE induction by a polyphenol-rich compound. Preferential activation of Th2 cells. Baum CG, et al. **J Immunol** 1990 Aug 1;145(3):779–84

IGG

Immunoglobulin G fractions from patients with antiphospholipid antibodies cause fetal death in BALB/c mice: a model for autoimmune fetal loss. Branch DW, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):210–6
Immunoreactivity of protamine preparations used to reverse heparin anticoagulation. Adourian UA, et al. **Anesthesiology** 1990 Aug;73(2):328–31
Serum immunoglobulins to endotoxin core glycolipid: establishment of normal concentrations. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):768–70
Statistical power and polyvalent immunoglobulin [letter] Whittle J. **Arch Intern Med** 1990 Aug;150(8):1760
A commentary on correlates between cerebrospinal fluid gamma-globulins and magnetic resonance imaging in multiple sclerosis. Baumhefner RW, et al. **Arch Neurol** 1990 Aug;47(8):841–3
Synthesis of specific IgG idiotypes by rheumatoid synovium. Hoffman WL, et al. **Arthritis Rheum** 1990 Aug; 33(8):1196–204
CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Linker-Israeli M, et al. **Arthritis Rheum** 1990 Aug;33(8):1216–25 (52 ref.)
The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Kickler TS, et al. **Blood** 1990 Aug 15;76(4):849–52
Absence of a gastrin inhibitory factor in the IgG fraction of serum from patients with pernicious anaemia. Smith JT, et al. **Gut** 1990 Aug;31(8):871–4
Comparison of ELISA antigen preparations alone or in combination for serodiagnosing Helicobacter pylori infections. Hirschl AM, et al. **J Clin Pathol** 1990 Jun; 43(6):511–3
Light and electron microscopic demonstration of immune deposits in renal tissue [letter] McKinnon AD, et al. **J Clin Pathol** 1990 Jun;43(6):520
Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro. Nose M, et al. **J Immunol** 1990 Aug 1;145(3):910–4
IgG subclass response and opsonization of Streptococcus pneumoniae after vaccination of healthy adults. Bardardottir E, et al. **J Infect Dis** 1990 Aug;162(2):482–8
Subclass distribution of the serum and intrathecal IgG antibody response in varicella-zoster virus infections. Echevarría JM, et al. **J Infect Dis** 1990 Sep;162(3):621–6
Dose-dependent platelet stimulation and inhibition induced by anti-PIA1 IgG. Ryu T, et al. **J Lab Clin Med** 1990 Jul;116(1):91–9
Hypogammaglobulinemia in uremic infants receiving peritoneal dialysis. Katz A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):258–61
Short-term hyperglycemia depresses immunity through nonenzymatic glycosylation of circulating immunoglobulin. Black CT, et al. **J Trauma** 1990 Jul;30(7):830–2; discussion 832–3
Anticardiolipin antibodies and binding of anionic phospholipids and serum protein [letter] Harris EN, et al. **Lancet** 1990 Aug 25;336(8713):505–6
Anti-glomerular basement membrane disease after renal obstruction [letter] Weber M, et al. **Lancet** 1990 Aug 25; 336(8713):512–3
The occurrence of oligoclonal IgG in tears from patients with MS and systemic immune disorders. Mavra M, et al. **Neurology** 1990 Aug;40(8):1259–62

IGM

Serum immunoglobulins to endotoxin core glycolipid: establishment of normal concentrations. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):768–70
Suppression of rheumatoid factor production by methotrexate in patients with rheumatoid arthritis. Evidence for differential influences of therapy and clinical status on IgM and IgA rheumatoid factor expression. Alarcón GS, et al. **Arthritis Rheum** 1990 Aug;33(8):1156–61
Glycoprotein specificity of cold-reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Mimura T, et al. **Arthritis Rheum** 1990 Aug; 33(8):1226–32
Divergent activities of protein kinases in IL-6-induced differentiation of a human B cell line. Goldstein H, et al. **J Immunol** 1990 Aug 1;145(3):952–61

ILEAL DISEASES

Case of the month. A Chinese puzzle. Williams JW, et al. **Br J Radiol** 1990 May;63(749):367–8
Perforated gastrointestinal tuberculosis [letter] Porter KA, et al. **Dig Dis Sci** 1990 Aug;35(8):1046–8
Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Mitchell IC, et al. **Gut** 1990 Jun;31(6):674–8
Ileal hemorrhage caused by a parasitic uterine leiomyoma. Rader JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):531–4
Test your skills. Inverted Meckel diverticulum with intussusception. Rubesin SE, et al. **Radiology** 1990 Sep; 176(3):636, 644
Childhood intussusception. Skipper RP, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):151–3

ILEAL NEOPLASMS

Primary adenocarcinoma of the jejunum and ileum: clinicopathological review of 25 cases. Lioe TF, et al. **J Clin Pathol** 1990 Jul;43(7):533–6

ILEITIS

Bacterial ileocaecitis and appendicitis [letter] Van Noyen R, et al. **Lancet** 1990 Aug 25;336(8713):518

ILEOSTOMY

Ileostomy revision with a GIA stapler under intravenous sedation. Winslet MC, et al. **Br J Surg** 1990 Jun;77(6):647

ILEUM

Manovolumetric and sensory characteristics of the ileoanal J pouch compared with healthy rectum. Oresland T, et al. **Br J Surg** 1990 Jul;77(7):803–6
The long-term sequelae of ileocolic anastomosis in childhood: a retrospective survey. Parashar K, et al. **Br J Surg** 1990 Jun;77(6):645–6
Ileal glucagon gene expression: ontogeny and response to massive small bowel resection. Taylor RG, et al. **Gastroenterology** 1990 Sep;99(3):724–9
Small bowel enema in non-responsive coeliac disease. Mike N, et al. **Gut** 1990 Aug;31(8):883–5
Rupture of ileal neoblADDER due to urethral obstruction by mucous plug. Haupt G, et al. **J Urol** 1990 Sep;144(3):740–1
Seromuscular enterocystoplasty in dogs. Salle JL, et al. **J Urol** 1990 Aug;144(2 Pt 2):454–6; discussion 460
Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Evers BM, et al. **Surgery** 1990 Aug;108(2):248–52; discussion 252–3

ILIAC ARTERY

Blood flow velocity waveforms from the fetal external iliac artery as a measure of lower extremity vascular resistance. Stewart PA, et al. **Br J Obstet Gynaecol** 1990 May; 97(5):425–30
External iliac artery and lumbosacral plexus injury secondary to an open book fracture of the pelvis: report of a case. Birchard JD, et al. **J Trauma** 1990 Jul;30(7):906–8

ILIAC VEIN

Deep venous thrombosis and antibodies to cyproterone acetate [letter] Leroy O, et al. **Lancet** 1990 Aug 25; 336(8713):509

ILIUM

Hyperostosis: a strange complication after a vascularized bone transplantation from the iliac crest [letter] Hell B. **Plast Reconstr Surg** 1990 Sep;86(3):610

IMAGE ENHANCEMENT

Safety and efficacy of a new transpulmonary ultrasound contrast agent: initial multicenter clinical results. Feinstein SB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):316–24

IMIDAZOLES

Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Karlsson BR, et al. **Anesth Analg** 1990 Aug;71(2):125–9

Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. **Anesthesiology** 1990 Aug;73(2):230–5

Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Doze VA, et al. **Anesthesiology** 1990 Aug; 73(2):304–7

Hyperosmolality related to propylene glycol in an infant treated with enoximone infusion. Huggon I, et al. **BMJ** 1990 Jul 7;301(6742):19–20

Single-dose 500-mg clotrimazole vaginal tablets compared with placebo in the treatment of Candida vaginitis. Bro F. **J Fam Pract** 1990 Aug;31(2):148–52

IMINO ACIDS

Clinical use of 24-hour gastric pH monitoring vs o-diisopropyl iminodiacetic acid (DISIDA) scanning in the diagnosis of pathologic duodenogastric reflux. Stein HJ, et al. **Arch Surg** 1990 Aug;125(8):966–70; discussion 970–1

Complementary use of Doppler sonography and delayed right lateral scintigraphy for the diagnosis of choledochal cysts. Parvey HR, et al. **South Med J** 1990 Aug;83(8):970–2 (6 ref.)

IMIPENEM

Imipenem pharmacokinetics in patients with burns. Boucher BA, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):130–7

Imipenem resistance in a case of AIDS with relapsing Pseudomonas meningitis. Eng RH, et al. **South Med J** 1990 Aug;83(8):979–80

IMIPRAMINE

Pharmacologic approach to sleep panic attacks [letter] Feder R. **Am J Psychiatry** 1990 Aug;147(8):1091–2

IMMERSION

Death resulting from motor vehicle immersions: the nature of the injuries, personal and environmental contributing factors, and potential interventions. Wintemute GJ, et al. **Am J Public Health** 1990 Sep;80(9):1068–70

IMMOBILIZATION

Rigid fixation of the intraoral inverted 'L' osteotomy. Van Sickels JE, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):894–8

IMMUNE SERA

Autocrine regulation of parathyroid secretion: inhibition of secretion by chromogranin-A (secretory protein-I) and potentiation of secretion by chromogranin-A and pancreastatin antibodies. Fasciotto BH, et al. **Endocrinology** 1990 Sep;127(3):1329–35

Antisera to a synthetic peptide recognize native and denatured rat estrogen receptors. Furlow JD, et al. **Endocrinology** 1990 Sep;127(3):1028–32

IMMUNE TOLERANCE

Diffuse centrilobular lesions of the lung caused by Staphylococcus aureus in two immunocompromised patients [letter] Fujita J, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):652–3

Increasing viral burden in CD4+ T cells from patients with human immunodeficiency virus (HIV) infection reflects rapidly progressive immunosuppression and clinical disease. Schnittman SM, et al. **Ann Intern Med** 1990 Sep 15; 113(6):438–43

The regulatory effects of cytokines on the induction of a peripheral immunologic tolerance in mice. Gahring LC, et al. **J Immunol** 1990 Sep 1;145(5):1318–23

The in vivo elimination of CD4+ T cells prevents the induction but not the expression of carrier-induced epitopic suppression. Leclerc C, et al. **J Immunol** 1990 Sep 1; 145(5):1343–9

IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. Nieto MA, et al. **J Immunol** 1990 Sep 1;145(5):1364–8

A peripheral mechanism preserves self-tolerance to a secreted protein in transgenic mice. Whiteley PJ, et al. **J Immunol** 1990 Sep 1;145(5):1376–81

Pulmonary surfactant as a physiologic immunosuppressive agent. Rich EA. **J Lab Clin Med** 1990 Jul;116(1):4–5

HLA-DR3 and immunoresponsiveness [letter] Caruso C, et al. **Lancet** 1990 Aug 25;336(8713):506–7

Does glutamine contribute to immunosuppression after major burns? Parry-Billings M, et al. **Lancet** 1990 Sep 1; 336(8714):523–5

IMMUNITY, CELLULAR

Cellular immune responses of patients with uveitis to retinal antigens and their fragments. de Smet MD, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):135–42

Increased sensitivity to MHC-nonrestricted lysis of BL6 melanoma cells by transfection with class I H-2Kb gene. Gorelik E, et al. **J Immunol** 1990 Sep 1;145(5):1621–32

IMMUNIZATION

Immunisation state and its documentation in hospital patients. Ferson MJ. **Arch Dis Child** 1990 Jul;65(7):763–7

The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Kickler TS, et al. **Blood** 1990 Aug 15;76(4):849–52

Response to tetanus toxoid immunization after allogeneic bone marrow transplantation. Ljungman P, et al. **J Infect Dis** 1990 Aug;162(2):496–500

IMMUNIZATION, PASSIVE

A case of Rh isoimmunization: should threatened first-trimester abortion be an indication for Rh immune globulin prophylaxis? Dayton VD, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):63–4

Cryptosporidiosis and acute leukemia [letter] Heaton P. **Arch Dis Child** 1990 Jul;65(7):813–4

Intravenous immunoglobulin therapy in systemic lupus erythematosus-associated thrombocytopenia. Maier WP, et al. **Arthritis Rheum** 1990 Aug;33(8):1233–9

Adoptive transfer of diabetes in BB rats induced by CD4 T lymphocytes. Métroz-Dayer MD, et al. **Diabetes** 1990 Aug;39(8):928–32

Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310–8

Preparation of monoclonal antibodies against brain natriuretic peptide and their application to radioimmunoassay and passive immunization. Itoh H, et al. **Endocrinology** 1990 Sep;127(3):1292–300

Long-term survival of adoptively transferred tumor-infiltrating lymphocytes in mice. Alexander RB, et al. **J Immunol** 1990 Sep 1;145(5):1615–20

Antibody to the capsular polysaccharide/adhesin protects rabbits against catheter-related bacteremia due to coagulase-negative staphylococci. Kojima Y, et al. **J Infect Dis** 1990 Aug;162(2):435–41

Prophylactic and therapeutic effects of a monoclonal antibody to tumor necrosis factor-alpha in experimental gram-negative shock. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):421–7

Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin-2 or interleukin-2 plus lymphokine activated killer cells. Robertson CN, et al. **J Urol** 1990 Sep;144(3):614–7; discussion 617–8

IMMUNOASSAY

Active site-specific immunoassays. Mann KG, et al. **Blood** 1990 Aug 15;76(4):755–66

IMMUNOBLOTTING

Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. Sethi KK. **J Clin Pathol** 1990 Jul;43(7):584–6

Infectivity of blood that is immunoblot intermediate reactive on hepatitis C virus antibody testing [letter] Bellobuono A, et al. **Lancet** 1990 Aug 4;336(8710):309

IMMUNOGLOBULIN ALLOTYPES

The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Kickler TS, et al. **Blood** 1990 Aug 15;76(4):849–52

IMMUNOGLOBULIN IDIOTYPES

Synthesis of specific IgG idiotypes by rheumatoid synovium. Hoffman WL, et al. **Arthritis Rheum** 1990 Aug; 33(8):1196–204

Angiotensin II (AII)-related idiotypic network. III. Comparative analysis of idiotopes and paratopes borne by monoclonal antibodies raised against AII (AB1) and its internal image (AB3). Budisavljevic M, et al. **J Immunol** 1990 Sep 1;145(5):1440–9

Idiotype vaccination against murine B cell lymphoma. Humoral and cellular requirements for the full expression of antitumor immunity. Campbell MJ, et al. **J Immunol** 1990 Aug 1;145(3):1029–36

Expression of cross-reactive, shared idiotypes on anti-SEA antibodies from humans and mice with schistosomiasis. Montesano MA, et al. **J Immunol** 1990 Aug 1;145(3):1002–8

Idiotope structure and genetic diversity in anti-streptococcal group A carbohydrate antibodies. Phillips NJ, et al. **J Immunol** 1990 Aug 1;145(3):915–24

Isotype modulation of idiotypic expression in recombinant isotypic variants of MOPC 315. Rinfret A, et al. **J Immunol** 1990 Aug 1;145(3):925–31

Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatibility complex. Wasfie T, et al. **Surgery** 1990 Aug;108(2):431–40; discussion 440–1

IMMUNOGLOBULIN ISOTYPES

Isotype modulation of idiotypic expression in recombinant isotypic variants of MOPC 315. Rinfret A, et al. **J Immunol** 1990 Aug 1;145(3):925–31

IMMUNOGLOBULIN VARIABLE REGION

Identification of a new V kappa gene family that is highly expressed in hybridomas from an autoimmune mouse strain. Shefner R, et al. **J Immunol** 1990 Sep 1;145(5):1609–14

IMMUNOGLOBULINS

Parasite-specific antibody response in Trichinella sp. 3 human infection: a one year follow-up. Bruschi F, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):186–93

Antibody response to the 43 kDa glycoprotein of Paracoccidioides brasiliensis as a marker for the evaluation of patients under treatment. Giannini MJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):200–6

Reactivity of aggregated immunoglobulin in Crohn's disease [letter] Das KM. **Gastroenterology** 1990 Sep;99(3):904–5

Consensus on IVIG [editorial] **Lancet** 1990 Aug 25; 336(8713):470–2 (7 ref.)

Intravenous immune globulin and acute aseptic meningitis [letter] Casteels-Van Daele M, et al. **N Engl J Med** 1990 Aug 30;323(9):614–5

Immunomodulatory and antimicrobial efficacy of intravenous immunoglobulin in bone marrow transplantation. Sullivan KM, et al. **N Engl J Med** 1990 Sep 13;323(11):705–12

IMMUNOGLOBULINS, FAB

Pharmacodynamic study of F(ab')2 fragments of murine monoclonal antibody 7E3 directed against human platelet glycoprotein IIb/IIIa in patients with unstable angina pectoris. Gold HK, et al. **J Clin Invest** 1990 Aug; 86(2):651–9

Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. Bouvet JP, et al. **J Immunol** 1990 Aug 15; 145(4):1176–80

Failure of CAVH to remove digoxin-Fab complex in piglets. Quaife EJ, et al. **J Toxicol Clin Toxicol** 1990;28(1):61–8

IMMUNOGLOBULINS, HEAVY CHAIN

The in vivo generation of murine IgD-secreting cells is accompanied by deletion of the C mu gene and occasional deletion of the gene for the C delta 1 domain. Mountz JD, et al. **J Immunol** 1990 Sep 1;145(5):1583–91

IMMUNOGLOBULINS, KAPPA CHAIN

Identification of a new V kappa gene family that is highly expressed in hybridomas from an autoimmune mouse strain. Shefner R, et al. **J Immunol** 1990 Sep 1;145(5):1609–14

IMMUNOGLOBULINS, LAMBDA CHAIN

Association of Ig L chain-like protein lambda 5 with a 16-kilodalton protein in mouse pre-B cell lines is not dependent on the presence of Ig H chain protein. Misener V, et al. **J Immunol** 1990 Aug 1;145(3):905–9

IMMUNOGLOBULINS, LIGHT CHAIN

Frequency of light chain deposition nephropathy relative to renal amyloidosis and Bence Jones cast nephropathy in a necropsy study of patients with myeloma. Iványi B. **Arch Pathol Lab Med** 1990 Sep;114(9):986–7

IMMUNOGLOBULINS, MU CHAIN

Association of Ig L chain-like protein lambda 5 with a 16-kilodalton protein in mouse pre-B cell lines is not dependent on the presence of Ig H chain protein. Misener V, et al. **J Immunol** 1990 Aug 1;145(3):905–9

The in vivo generation of murine IgD-secreting cells is accompanied by deletion of the C mu gene and occasional deletion of the gene for the C delta 1 domain. Mountz

JD, et al. **J Immunol** 1990 Sep 1;145(5):1583–91

IMMUNOHISTOCHEMISTRY

Automated immunochemistry. MaWhinney WH, et al. **J Clin Pathol** 1990 Jul;43(7):591–6

IMMUNOLOGIC DEFICIENCY SYNDROMES

Split skin grafting in children with immune deficiencies. Dziewulski P, et al. **BMJ** 1990 Jun 2;300(6737):1439–40
Jejunal bacterial overgrowth and intestinal permeability in children with immunodeficiency syndromes. Pignata C, et al. **Gut** 1990 Aug;31(8):879–82
Paradoxical expression of adenosine deaminase in T cells cultured from a patient with adenosine deaminase deficiency and combine immunodeficiency. Arredondo-Vega FX, et al. **J Clin Invest** 1990 Aug; 86(2):444–52
Consensus on IVIG [editorial] **Lancet** 1990 Aug 25; 336(8713):470–2 (7 ref.)

IMMUNOLOGIC MEMORY

Fibronectin promotes proliferation of naive and memory T cells by signaling through both the VLA-4 and VLA-5 integrin molecules. Davis LS, et al. **J Immunol** 1990 Aug 1;145(3):785–93

IMMUNOSUPPRESSION

Sequential mechanisms of cyclophosphamide-induced skin allograft tolerance including the intrathymic clonal deletion followed by late breakdown of the clonal deletion. Eto M, et al. **J Immunol** 1990 Sep 1;145(5):1303–10
A comparison of 2 protocols for living-related renal transplantation in children: donor-specific transfusions versus cyclosporine. Leone MR, et al. **J Urol** 1990 Sep; 144(3):721–3
Neurotoxicity after treatment with muromonab-CD3 [letter] Richards JM, et al. **N Engl J Med** 1990 Aug 16;323(7):487–8

IMMUNOSUPPRESSIVE AGENTS

New antirejection drugs anticipated [news] Randall T. **JAMA** 1990 Sep 12;264(10):1225

IMMUNOTHERAPY

Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. Flamm J, et al. **J Urol** 1990 Aug;144(2 Pt 1):260–3
Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. **N Engl J Med** 1990 Aug 30; 323(9):570–8. Comment in: N Engl J Med 1990 Aug 30;323(9):601–3.
Aerosolized cyclosporine as single-agent immunotherapy in canine lung allografts. Dowling RD, et al. **Surgery** 1990 Aug;108(2):198–204; discussion 204–5
Protein-calorie malnutrition inhibits antitumor response to interleukin-2 immunotherapy. Lieberman MD, et al. **Surgery** 1990 Aug;108(2):452–8; discussion 458–9

IMMUNOTOXINS

Antitransferrin receptor immunotoxin inhibits proliferating human retinal pigment epithelial cells. Jaffe GJ, et al. **Arch Ophthalmol** 1990 Aug;108(8):1163–8

IMPLANTS, ARTIFICIAL

Accidental deactivation of the automatic implantable cardioverter defibrillator. Bonnet CA, et al. **Am Heart J** 1990 Sep;120(3):696–7
Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Ball AB, et al. **Br J Radiol** 1990 May;63(749):346–8
Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer. Ryu J, et al. **Cancer** 1990 Sep 1;66(5):844–7
Efficacy of the automatic implantable cardioverter-defibrillator in prolonging survival in patients with severe underlying cardiac disease. Fogoros RN, et al. **J Am Coll Cardiol** 1990 Aug;16(2):381–6
Foreign-body reactions to fracture fixation implants of biodegradable synthetic polymers. Böstman O, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):592–6
Immune response to polyglycolic acid implants. Santavirta S, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):597–600
The British experience of an implantable, subcutaneous bone conduction hearing aid (Xomed Audiant). Browning GG. **J Laryngol Otol** 1990 Jul;104(7):534–8
Bony ankylosis of the temporomandibular joint: case report of a child treated with delrin condylar implants. Westermark AH, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):861–5
Effects of the artificial urinary sphincter on prostatic development and sexual function in pubertal boys with meningomyelocele. Jumper BM, et al. **J Urol** 1990 Aug; 144(2 Pt 2):438–42; discussion 443–4
Physiologic tissue gel equivalent [letter] Ersek RA, et al. **Plast Reconstr Surg** 1990 Sep;86(3):611

IMPOTENCE

The effect of venous incompetence and arterial insufficiency on erectile function: an animal model. Aboseif SR, et al. **J Urol** 1990 Sep;144(3):790–3
Dysfunctional penile cholinergic nerves in diabetic impotent men. Blanco R, et al. **J Urol** 1990 Aug;144(2 Pt 1):278–80
Urethrectomy with preservation of potency. Brendler CB, et al. **J Urol** 1990 Aug;144(2 Pt 1):270–3
Impotence following delayed repair of prostatomembranous urethral disruption. Dhabuwala CB, et al. **J Urol** 1990 Sep; 144(3):677–8
Penile vein ligation for corporeal incompetence: an evaluation of short-term and long-term results. Rossman B, et al. **J Urol** 1990 Sep;144(3):679–82
Effects of a sclerosant, ethanolamine, on the venous drainage system of the dog penis. Tiong JT, et al. **J Urol** 1990 Aug; 144(2 Pt 1):381–4
Diagnostic and therapeutic technology assessment. Vasoactive intracavernous pharmacotherapy for impotence: papaverine and phentolamine. **JAMA** 1990 Aug 8;264(6):752–4
Diagnostic evaluation of impotence. Whitehead ED, et al. **Postgrad Med** 1990 Aug;88(2):123–6, 129–36 (37 ref.)
Treatment alternatives for impotence. Whitehead ED, et al. **Postgrad Med** 1990 Aug;88(2):139–49, 152 (61 ref.)
Impotence after prostatectomy. Lue TF. **Urol Clin North Am** 1990 Aug;17(3):613–20 (31 ref.)

INAPPROPRIATE ADH SYNDROME

Carbamazepine and SIADH [letter] Cooney JA. **Am J Psychiatry** 1990 Aug;147(8):1101–2

INCEST

Review of fugitives of incest [letter] Ganzarain R, et al. **Am J Psychiatry** 1990 Aug;147(8):1109

INCISOR

Use of histoacryl tissue adhesive to manage an avulsed tooth. McCabe MJ. **BMJ** 1990 Jul 7;301(6742):20–1
Emergency treatment of avulsed incisor teeth. Scheer B. **BMJ** 1990 Jul 7;301(6742):4

INCOME

Mortality from diabetes mellitus, ischemic heart disease, and cerebrovascular disease among blacks in a higher income area. Poledna AP. **Public Health Rep** 1990 Jul-Aug; 105(4):393–9

INDIANS, NORTH AMERICAN

Hepatitis transmission among the Sioux Indians of South Dakota. Shaw FE Jr, et al. **Am J Public Health** 1990 Sep; 80(9):1091–4
The tadidiin (corn pollen) syndrome [letter] Freeman GL. **J Allergy Clin Immunol** 1990 Aug;86(2):275
Trends in rates for mortality from all causes among Indians in Minnesota, 1960–79. Ringhand TH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):425–8

INDICATORS AND REAGENTS

Fluorescein dilaurate test of exocrine pancreatic function in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jul; 65(7):788–9

INDIUM RADIOISOTOPES

Platelet specific monoclonal antibody [letter] Rhys Davies E. **Br J Radiol** 1990 Jun;63(750):501
Coronary excimer laser angioplasty: reduced complications and indium-111 platelet accumulation compared with thermal laser angioplasty. Sanborn TA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):502–6

INDOLES

Alcian blue: reliable rapid method for marking resection margins [letter] Birch PJ, et al. **J Clin Pathol** 1990 Jul; 43(7):608–9
Ropinirole without levodopa in Parkinson's disease [letter] Vidailhet MJ, et al. **Lancet** 1990 Aug 4;336(8710):316–7

INDOMETHACIN

Indomethacin treatment for polyhydramnios and subsequent infantile nephrogenic diabetes insipidus. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):98–9
Effect of indomethacin on binding of bilirubin to albumin. Lam BC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):690–1
Possible mechanisms involved in gastric hypermotility caused by indomethacin in the rat. Role of glycoprivic response. Takeuchi K, et al. **Dig Dis Sci** 1990 Aug;35(8):984–92
Enhancement of coxsackievirus B4 virulence by indomethacin. Khatib R, et al. **J Lab Clin Med** 1990 Jul; 116(1):116–20
The effective treatment of postpericardiotomy syndrome after cardiac operations. A randomized placebo-controlled trial. Horneffer PJ, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):292–6
Indomethacin in severe head injury [letter] Jensen K, et al. **Lancet** 1990 Jul 28;336(8709):246

INDUSTRY

Proctor and Gamble's model for repositioning. Kaufman N. **Hospitals** 1990 Aug 20;64(16):64

INFANT CARE

The feeding relationship: problems and interventions. Satter E. **J Pediatr** 1990 Aug;117(2 Pt 2):S181–9 (45 ref.)
Coping with three, four, or more [editorial] **Lancet** 1990 Aug 25;336(8713):473

INFANT EQUIPMENT

Chronic subdural hematoma. Another babywalker-stairs related injury. DiMario FJ Jr. **Clin Pediatr (Phila)** 1990 Jul;29(7):405–8

INFANT FOOD

Growth, nutrient retention, and metabolic response of low-birth-weight infants fed supplemented and unsupplemented preterm human milk. Kashyap S, et al. **Am J Clin Nutr** 1990 Aug;52(2):254–62
The taste of milk [letter] Carmona Da Mota H. **Arch Dis Child** 1990 Jun;65(6):647
A clinical trial of two parenteral nutrition solutions in neonates. McIntosh N, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):692–9
Dietary patterns and nutrient intake of U.S. infants. Proceedings of a symposium. October 13–15, 1989. **J Pediatr** 1990 Aug;117(2 Pt 2):S75–192
Impact of the Special Supplemental Food Program on infants. Batten S, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S101–9
Infant nutrient supplementation. Curtis DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)
Growth outcome and feeding practices of the very low birth weight infant (less than 1500 grams) within the first year of life. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S156–66
Food and nutrient intake of 6- to 12-month-old infants fed formula or cow milk: a summary of four national surveys. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S86–100
Modified fat diets: do they apply to infancy? Finberg L. **J Pediatr** 1990 Aug;117(2 Pt 2):S132–3
Trends in food consumption: implications for infant feeding. Hegsted DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S80–3
Mineral and vitamin D adequacy in infants fed human milk or formula between 6 and 12 months of age. Hillman LS. **J Pediatr** 1990 Aug;117(2 Pt 2):S134–42 (31 ref.)
Effect of lactose on mineral absorption in preterm infants. Wirth FH Jr, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):283–7
Milks and formulas for older infants. Ziegler EE. **J Pediatr** 1990 Aug;117(2 Pt 2):S76–9

INFANT, LOW BIRTH WEIGHT

Growth, nutrient retention, and metabolic response of low-birth-weight infants fed supplemented and unsupplemented preterm human milk. Kashyap S, et al. **Am J Clin Nutr** 1990 Aug;52(2):254–62
Survival and outcome of infants weighing less than 800 grams at birth. Lipper EG, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):146–50
Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33
Predicting death from initial disease severity in very low birthweight infants: a method for comparing the performance of neonatal units. Tarnow-Mordi W, et al. **BMJ** 1990 Jun 23;300(6740):1611–4
Growth patterns of low birth weight preterm infants: a longitudinal analysis of a large, varied sample. Casey PH, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):298–307
Growth outcome and feeding practices of the very low birth weight infant (less than 1500 grams) within the first year of life. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S156–66
Growth achievement of very low birth weight premature children at school age. Ross G, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):307–9
Effect of lactose on mineral absorption in preterm infants. Wirth FH Jr, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):283–7
Nutrition and growth analysis of very low birth weight infants. Fenton TR, et al. **Pediatrics** 1990 Sep;86(3):378–83

INFANT MORTALITY

Maternal body weight and pregnancy outcome. Naeye RL. **Am J Clin Nutr** 1990 Aug;52(2):273–9
Mortality rates ignore population segment [letter] Harkavy KL. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):269–70
Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990

Aug;163(2):528–33
International trends in postneonatal mortality. Mitchell EA. **Arch Dis Child** 1990 Jun;65(6):607–9
'Normal but dead': perinatal mortality in non-malformed babies of birthweight 2.5 kg and over in the northern region in 1983. Kirkup B, et al. **Br J Obstet Gynaecol** 1990 May; 97(5):381–92
Perinatal audit: does confidential enquiry have a place? Kirkup W. **Br J Obstet Gynaecol** 1990 May;97(5):371–3
Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy. The Helsinki Ultrasound Trial. Saari-Kemppainen A, et al. **Lancet** 1990 Aug 18;336(8712):387–91

INFANT, NEWBORN

Linear growth in the early neonatal period. Bishop NJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):707–8
Leukocyte counts in infants of diabetic mothers [letter] Herson VC. **J Pediatr** 1990 Aug;117(2 Pt 1):341
Behavioral changes correlated with brain-stem auditory evoked responses in term infants with moderate hyperbilirubinemia. Vohr BR, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):288–91

INFANT, NEWBORN, DISEASES

Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization. Silver HM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):19–25
Isolation of Chlamydia trachomatis from amniotic fluid. Thomas GB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):519–20

INFANT NUTRITION

Dietary patterns and nutrient intake of U.S. infants. Proceedings of a symposium. October 13–15, 1989. **J Pediatr** 1990 Aug;117(2 Pt 2):S75–192
Bases of weaning recommendations. Barness LA. **J Pediatr** 1990 Aug;117(2 Pt 2):S84–5
Impact of the Special Supplemental Food Program on infants. Batten S, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S101–9
Infant nutrient supplementation. Curtis DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)
Food and nutrient intake of 6- to 12-month-old infants fed formula or cow milk: a summary of four national surveys. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S86–100
Modified fat diets: do they apply to infancy? Finberg L. **J Pediatr** 1990 Aug;117(2 Pt 2):S132–3
Energy intakes of human milk-fed infants during the first year. Garza C, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S124–31
Trends in food consumption: implications for infant feeding. Hegsted DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S80–3
Mineral and vitamin D adequacy in infants fed human milk or formula between 6 and 12 months of age. Hillman LS. **J Pediatr** 1990 Aug;117(2 Pt 2):S134–42 (31 ref.)
Trace minerals in the nutrition of children. Milner JA. **J Pediatr** 1990 Aug;117(2 Pt 2):S147–55 (70 ref.)
Feeding behavior of 6- to 12-month-old infants: assessment and sources of parental information. Pridham KF. **J Pediatr** 1990 Aug;117(2 Pt 2):S174–80
Milks and formulas for older infants. Ziegler EE. **J Pediatr** 1990 Aug;117(2 Pt 2):S76–9
Do changes in pattern of breast usage alter the baby's nutrient intake? Woolridge MW, et al. **Lancet** 1990 Aug 18; 336(8712):395–7

INFANT NUTRITION DISORDERS

Infant nutrient supplementation. Curtis DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)

INFANT, PREMATURE

Primary endocardial fibroelastosis associated with hydrops fetalis in a premature infant. Wolfson DJ, et al. **Am Heart J** 1990 Sep;120(3):708–11 (17 ref.)
Risk factors for preterm premature rupture of fetal membranes: a multicenter case-control study. Harger JH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):130–7
The fixed and dilated pupils of premature neonates. Isenberg SJ, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):168–71
Life-threatening apnea following spinal anesthesia in former premature infants. Cox RG, et al. **Anesthesiology** 1990 Aug; 73(2):345–7
Follow up of premature babies treated with artificial surfactant (ALEC). Morley CJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):667–9
Abnormal FcRIII expression by neutrophils from very preterm neonates. Carr R, et al. **Blood** 1990 Aug 1; 76(3):607–11
Neonatal mitral valve endocarditis: diagnosis and successful management. Bullaboy CA, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):398–400
Antenatal fetal diagnosis and maternal transport gastroschisis. A maternal-infant case report. Carlan SJ, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):378–81
Growth patterns of low birth weight preterm infants: a longitudinal analysis of a large, varied sample. Casey PH, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):298–307
Growth outcome and feeding practices of the very low birth weight infant (less than 1500 grams) within the first year of life. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S156–66
Growth achievement of very low birth weight premature children at school age. Ross G, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):307–9
Effect of lactose on mineral absorption in preterm infants. Wirth FH Jr, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):283–7
Social competence and behavior problems in premature children at school age. Ross G, et al. **Pediatrics** 1990 Sep; 86(3):391–7
Semipermeable dressing and transepidermal water loss in premature infants. Vernon HJ, et al. **Pediatrics** 1990 Sep; 86(3):357–62

INFANT, PREMATURE, DISEASES

Red cell volume and cardiac output in anaemic preterm infants. Hudson I, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):672–5
Virilisation of female preterm infants. Midgley PC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):701–3
Dexamethasone and infection in preterm babies: a controlled study [letter] Staines A. **Arch Dis Child** 1990 Jul;65(7):812
Effective bronchodilator treatment by a simple spacer device for wheezy premature infants. Yuksel B, et al. **Arch Dis Child** 1990 Jul;65(7):782–5
Hypernatremia associated with N-acetylcysteine therapy for meconium ileus in a premature infant. Langer JC, et al. **Can Med Assoc J** 1990 Aug 1;143(3):202–3
Population-based risk factors for neonatal group B streptococcal disease: results of a cohort study in metropolitan Atlanta. Schuchat A, et al. **J Infect Dis** 1990 Sep;162(3):672–7
Visiting and immunisation policies on a regional neonatal unit [letter] Blake KD, et al. **Lancet** 1990 Aug 4; 336(8710):308–9

INFANT, SMALL FOR GESTATIONAL AGE

Growth outcome and feeding practices of the very low birth weight infant (less than 1500 grams) within the first year of life. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S156–66

INFARCTION

Infarcted undescended testis appearing as a calcified abdominal mass in an adult. Wilbur AC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):547–8
Diagnosis and management of mesenteric infarction. Clavien PA. **Br J Surg** 1990 Jun;77(6):601–3 (10 ref.)
Mesenteric arteritis. Mosley JG, et al. **Gut** 1990 Aug; 31(8):956–7
Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Kaku DA, et al. **Neurology** 1990 Aug;40(8):1317–8

INFECTION

AIDS, nutrition, and infection [letter] Kendler BS. **Ann Intern Med** 1990 Sep 1;113(5):409–10
Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine. Joyce W, et al. **Br Heart J** 1990 Jun;63(6):370–1
Impact of encephalopathy on mortality in the sepsis syndrome. The Veterans Administration Systemic Sepsis Cooperative Study Group. Sprung CL, et al. **Crit Care Med** 1990 Aug;18(8):801–6
IL-2. A cofactor for induction of activated macrophage resistance to infection. Belosevic M, et al. **J Immunol** 1990 Aug 1;145(3):831–9
Trimethoprim-sulfamethoxazole prophylaxis in the management of chronic granulomatous disease. Margolis DM, et al. **J Infect Dis** 1990 Sep;162(3):723–6
Antibiotic prophylaxis during prolonged clean neurosurgery. Results of a randomized double-blind study using oxacillin. Djindjian M, et al. **J Neurosurg** 1990 Sep;73(3):383–6
Immunomodulatory and antimicrobial efficacy of intravenous immunoglobulin in bone marrow transplantation. Sullivan KM, et al. **N Engl J Med** 1990 Sep 13;323(11):705–12
Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis. Hall-Angerås M, et al. **Surgery** 1990 Aug; 108(2):460–6

INFECTIOUS BOVINE RHINOTRACHEITIS VIRUS

Bovine natural killer-like cell responses against cell lines expressing recombinant bovine herpesvirus type 1 glycoproteins. Palmer LD, et al. **J Immunol** 1990 Aug 1; 145(3):1009–14

INFERTILITY

Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Naz RK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):610–3

INFERTILITY, FEMALE

Association between autoantibodies and unexplained infertility unproved [letter] Maier D. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):243
Screening infertile women for subclinical hypothyroidism [letter] Strickland DM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):262–3
An endometrial factor in unexplained infertility. Graham RA, et al. **BMJ** 1990 Jun 2;300(6737):1428–31
Abnormal ovarian cell line: a cause for ovarian failure. Case report. Abdel Gadir AA, et al. **Br J Obstet Gynaecol** 1990 May;97(5):446–8
Use of Gynocheck endometrial tissue sampler in infertility. Smith RN. **Br J Obstet Gynaecol** 1990 May;97(5):454–5

INFERTILITY, MALE

Dissimilar expression of axonemal anomalies in respiratory cilia and sperm flagella in infertile men. Escudier E, et al. **Am Rev Respir Dis** 1990 Sep;142(3):674–9
Testicular dysfunction after cyclophosphamide-vincristine-procarbazine-prednisolone chemotherapy for advanced Hodgkin's disease. A long-term follow-up study. Charak BS, et al. **Cancer** 1990 May 1;65(9):1903–6
The effect of various degrees of unilateral spermatic cord torsion on fertility in the rat. Heindel RM, et al. **J Urol** 1990 Aug;144(2 Pt 1):366–9

INFLAMMATION

Inflammation and cancer: role of phagocyte-generated oxidants in carcinogenesis. Weitzman SA, et al. **Blood** 1990 Aug 15;76(4):655–63 (167 ref.)
Glucocorticoids suppress levels of immunoreactive bradykinin in inflamed tissue as evaluated by microdialysis probes. Hargreaves KM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):168–78
Acute phase response and deep lower limb venous thrombosis [letter] Syrjälä H, et al. **J Clin Pathol** 1990 Jun;43(6):519–20
Neurogenic inflammation, vascular permeability, and mast cells. II. Additional evidence indicating that mast cells are not involved in neurogenic inflammation. Kowalski ML, et al. **J Immunol** 1990 Aug 15;145(4):1214–21
Manipulation of the acute inflammatory response by dietary polyunsaturated fatty acid modulation. Lefkowith JB, et al. **J Immunol** 1990 Sep 1;145(5):1523–9

INFLAMMATORY BOWEL DISEASES

Effect of intravenous nutrition on nutrition and function in acute attacks of inflammatory bowel disease. Christie PM, et al. **Gastroenterology** 1990 Sep;99(3):730–6
A distinct subset of antineutrophil cytoplasmic antibodies is associated with inflammatory bowel disease. Saxon A, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):202–10

INFLUENZA

ACIP releases 1990-1991 influenza vaccination recommendations. **Am Fam Physician** 1990 Aug; 42(2):498–500
Achieving the national health objective for influenza immunization: success of an institution-wide vaccination program. Nichol KL, et al. **Am J Med** 1990 Aug; 89(2):156–60
Prevention of influenza and pneumonia. Mostow SR, et al. **Am Rev Respir Dis** 1990 Aug;142(2):487–8
Comparison of live attenuated cold-adapted and avian-human influenza A/Bethesda/85 (H3N2) reassortant virus vaccines in infants and children. Steinhoff MC, et al. **J Infect Dis** 1990 Aug;162(2):394–401
Clinical manifestations of exacerbations of cystic fibrosis associated with nonbacterial infections. Pribble CG, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):200–4
Frequency of adverse reactions to influenza vaccine in the elderly. A randomized, placebo-controlled trial. Margolis KL, et al. **JAMA** 1990 Sep 5;264(9):1139–41

INFLUENZA VACCINE

ACIP releases 1990-1991 influenza vaccination recommendations. **Am Fam Physician** 1990 Aug; 42(2):498–500
Achieving the national health objective for influenza immunization: success of an institution-wide vaccination program. Nichol KL, et al. **Am J Med** 1990 Aug; 89(2):156–60
Predictors of vaccination behavior among persons ages 65 years and older. Stehr-Green PA, et al. **Am J Public Health** 1990 Sep;80(9):1127–9
Prevention of influenza and pneumonia. Mostow SR, et al. **Am Rev Respir Dis** 1990 Aug;142(2):487–8
Comparison of live attenuated cold-adapted and avian-human influenza A/Bethesda/85 (H3N2) reassortant virus vaccines in infants and children. Steinhoff MC, et al. **J Infect Dis** 1990 Aug;162(2):394–401
Frequency of adverse reactions to influenza vaccine in the elderly. A randomized, placebo-controlled trial. Margolis KL, et al. **JAMA** 1990 Sep 5;264(9):1139–41

INFORMATION SYSTEMS

Computerized literature reference system: use of an optical scanner and optical character recognition software. Lossef SV, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):617–9
Managing medical references [letter] Faughnan J. **Ann Intern Med** 1990 Sep 15;113(6):484
Read clinical classification [letter] **BMJ** 1990 Jun 2; 300(6737):1467
Computer multitasking with Desqview 386 in a family practice. Davis AE. **Can Med Assoc J** 1990 Aug 15; 143(4):281–5
Computerized medical record [letter] Rathe R. **J Fam Pract** 1990 Aug;31(2):121
From the Health Resources and Services Administration. Harmon RG. **JAMA** 1990 Aug 22–29;264(8):945

INFORMED CONSENT

Appropriate screening tests [letter] Nagey DA. **Am J Obstet Gynecol** 1990 Aug;163(2):688–9
Deferred consent: use in clinical resuscitation research. Brain Resuscitation Clinical Trial II Study Group. Abramson NS, et al. **Ann Emerg Med** 1990 Jul;19(7):781–4
Informed consent: an unresolved issue [letter] Runge JW. **Ann Emerg Med** 1990 Jul;19(7):841
Family consent to orders not resuscitate. Reconsidering hospital policy [see comments] Hackler JC, et al. **JAMA** 1990 Sep 12;264(10):1281–3. Comment in: JAMA 1990 Sep 12;264(10):1295–6.
Court-ordered cesarean sections receive judicial defeat. Curran WJ. **N Engl J Med** 1990 Aug 16;323(7):489–92

INFRARED RAYS

The use of infra-red thermography in a rheumatology unit. Darton K, et al. **Br J Rheumatol** 1990 Aug;29(4):291–2

INFUSION PUMPS, IMPLANTABLE

Constant infusion of morphine for intractable cancer pain using an implanted pump. Hassenbusch SJ, et al. **J Neurosurg** 1990 Sep;73(3):405–9

INFUSIONS, INTRAVENOUS

Intravenous catheter aspiration for obtaining basic analytes during intravenous infusion. Herr RD, et al. **Ann Emerg Med** 1990 Jul;19(7):789–92
Intravenous drug compatibility [editorial; comment] DeMonaco HJ. **Crit Care Med** 1990 Aug;18(8):896. Comment on: Crit Care Med 1990 Aug;18(8):858–61.

INFUSIONS, PARENTERAL

Workload of preregistration house officers [letter] **BMJ** 1990 Jun 2;300(6737):1463

INHIBIN

The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Krummen LA, et al. **Endocrinology** 1990 Sep;127(3):1097–104
Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823–31
The heterogeneity of porcine 32,000 Mr inhibin alpha-subunit: a gel electrophoresis and immunoblot study. Moore KH, et al. **Endocrinology** 1990 Sep;127(3):1477–86
Chronic inhibitory effect of follicle-stimulating hormone (FSH)-suppressing protein (FSP) or follistatin on activin- and gonadotropin-releasing hormone-stimulated FSH synthesis and secretion in cultured rat anterior pituitary cells. Wang QF, et al. **Endocrinology** 1990 Sep; 127(3):1385–93
Presence and synthesis of inhibin subunits in human decidua. Petraglia F, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):487–92

INJECTIONS

Stopper fragments: a technique for reducing their occurrence [letter] Morparia HK, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):659–60

INJECTIONS, INTRAVENOUS

Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Kaku DA, et al. **Neurology** 1990 Aug;40(8):1317–8

INNOMINATE ARTERY

Spontaneous isolated innominate artery dissection. Kanady K, et al. **Neurology** 1990 Aug;40(8):1315–7

INOSITOL PHOSPHATES

A comparison of the effects of divalent and trivalent cations on parathyroid hormone release, 3',5'-cyclic-adenosine monophosphate accumulation, and the levels of inositol phosphates in bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1990 Sep;127(3):1064–71
Differential CD3/T cell antigen receptor-mediated IL-2 production in jurkat T cells. Dissociation of IL-2 response from total inositol phosphate and calcium responses. Stohl W, et al. **J Immunol** 1990 Aug 15;145(4):1078–87
Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. Iacovou JW, et al. **J Urol** 1990 Sep;144(3):775–9

INSECT BITES AND STINGS

Reactions to the stings of the imported fire ant. deShazo RD, et al. **N Engl J Med** 1990 Aug 16;323(7):462–6 (45 ref.)

INSECT VECTORS

Malaria transmission and vector biology in Manarintsoa, high plateaux of Madagascar. Fontenille D, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):107–15
Development of Leishmania major in Phlebotomus duboscqi and Sergentomyia schwetzi (Diptera: Psychodidae). Lawyer PG, et al. **Am J Trop Med Hyg** 1990 Jul; 43(1):31–43
Permethrin-impregnated curtains and bed-nets prevent malaria in western Kenya. Sexton JD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):11–8
Plasmodium falciparum infection rates in Anopheles gambiae, An. arabiensis, and An. funestus in western Kenya. Taylor KA, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):124–9

INSECTICIDES, BOTANICAL

Permethrin-impregnated curtains and bed-nets prevent malaria in western Kenya. Sexton JD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):11–8

INSECTICIDES, CARBAMATE

Aldicarb food poisonings in California, 1985–1988: toxicity estimates for humans. Goldman LR, et al. **Arch Environ Health** 1990 May-Jun;45(3):141–7

INSECTICIDES, ORGANOTHIOPHOSPHATE

Acute organophosphorus food poisoning caused by contaminated green leafy vegetables. Goh KT, et al. **Arch Environ Health** 1990 May-Jun;45(3):180–4
Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Besser R, et al. **Neurology** 1990 Aug;40(8):1275–7

INSEMINATION, ARTIFICIAL

Antisperm antibodies in women undergoing intrauterine insemination. Goldberg JM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):65–8
Development of a modified bivalve speculum for donor insemination. Ramsewak SS, et al. **Br J Obstet Gynaecol** 1990 May;97(5):455–6
Therapeutic donor insemination with frozen semen. Scott SG, et al. **Can Med Assoc J** 1990 Aug 15;143(4):273–8

INSERVICE TRAINING

Tailored safety training for miners in small Pennsylvania surface coal mines [news] Passmore D, et al. **Am J Public Health** 1990 Sep;80(9):1134–5

INSOMNIA

Diagnosis and management of insomnia [letter] **N Engl J Med** 1990 Aug 16;323(7):486–7

INSTITUTIONAL PRACTICE

Innovations in clinical practice through hospital-funded grants. Franklin PD, et al. **Acad Med** 1990 Jun;65(6):355–60

INSTITUTIONALIZATION

Psychiatric symptoms and nursing home placement of patients with Alzheimer's disease. Steele C, et al. **Am J Psychiatry** 1990 Aug;147(8):1049–51

INSULIN

Metabolic response to glucose ingested with various amounts of protein. Westphal SA, et al. **Am J Clin Nutr** 1990 Aug; 52(2):267–72
Effects of glyburide on carbohydrate metabolism and insulin action in the liver. Caro JF. **Am J Med** 1990 Aug 20; 89(2A):17S–25S; discussion 51S–53S (59 ref.)
Effect of glyburide on beta cell responsiveness to glucose in non-insulin-dependent diabetes mellitus. O'Meara NM, et al. **Am J Med** 1990 Aug 20;89(2A):11S–16S; discussion 51S–53S (39 ref.)
Effects of glyburide on in vivo insulin-mediated glucose disposal. Simonson DC. **Am J Med** 1990 Aug 20; 89(2A):44S–50S; discussion 51S–53S
Insulin injection technique. Thow J, et al. **BMJ** 1990 Jul 7;301(6742):3–4 (13 ref.)
Insulitis and diabetes in NOD mice reduced by prophylactic insulin therapy. Atkinson MA, et al. **Diabetes** 1990 Aug; 39(8):933–7
Kinetics of insulin-mediated and non-insulin-mediated glucose uptake in humans. Edelman SV, et al. **Diabetes** 1990 Aug;39(8):955–64
Effect of insulin on glucose utilization in epitrochlearis muscle of rats with streptozocin-induced NIDDM. Karl IE, et al. **Diabetes** 1990 Sep;39(9):1106–15
Differential effects of human and pork insulin-induced hypoglycemia on neuronal functions in humans. Kern W, et al. **Diabetes** 1990 Sep;39(9):1091–8
Importance of imparied insulin-gene expression in occurrence of diabetes in obese rats. Koh G, et al. **Diabetes** 1990 Sep;39(9):1050–6
Kinetics of in vivo muscle insulin-mediated glucose uptake in human obesity. Laakso M, et al. **Diabetes** 1990 Aug; 39(8):965–74
Inhibition of insulin and somatostatin secretion and stimulation of glucagon release by homologous galanin in perfused rat pancreas. Miralles P, et al. **Diabetes** 1990 Aug; 39(8):996–1001
Equivalent in vivo biological activity of insulin analogues and human insulin despite different in vitro potencies. Ribel U, et al. **Diabetes** 1990 Sep;39(9):1033–9
Effect of continuous versus delayed insulin replacement on sex behavior and neuroendocrine function in diabetic male rats. Steger RW, et al. **Diabetes** 1990 Aug;39(8):942–8
Effect of insulin therapy on metabolic fate of apolipoprotein B-containing lipoproteins in NIDDM. Taskinen MR, et al. **Diabetes** 1990 Sep;39(9):1017–27
Investigation of the mechanism by which insulin-induced hypoglycemia decreases luteinizing hormone secretion in ovariectomized ewes. Clarke IJ, et al. **Endocrinology** 1990 Sep;127(3):1470–6
Effect of food withdrawal and insulin on growth hormone secretion in the guinea pig. Fairhall KM, et al. **Endocrinology** 1990 Aug;127(2):716–23
Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Niimi S, et al. **Endocrinology** 1990 Aug;127(2):688–94
Glucagon inhibits insulin activation of glucose transport in rat adipocytes mainly through a postbinding process. Sato N, et al. **Endocrinology** 1990 Sep;127(3):1072–7
Neuroendocrine sources of chromogranin-A in normal man: clues from selective stimulation of endocrine glands. Takiyyuddin MA, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):360–9
A peripheral mechanism preserves self-tolerance to a secreted protein in transgenic mice. Whiteley PJ, et al. **J Immunol** 1990 Sep 1;145(5):1376–81
Hypoglycemia in children with insulin-dependent diabetes mellitus [letter] Bell DS, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):340–1

INSULIN RESISTANCE

Diabetic ketoacidosis and insulin resistance with subcutaneous terbutaline infusion: a case report. Tibaldi JM, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):509–10
Cell surface alteration in Epstein-Barr virus-transformed cells from patients with extreme insulin resistance. Gorden DL, et al. **Diabetes** 1990 Aug;39(8):924–7

INSURANCE, HEALTH

Access to health care [letter] **Ann Intern Med** 1990 Sep 15; 113(6):478–80
HCFA tries new strategy to recoup Medicare payments. Burke M. **Hospitals** 1990 Aug 20;64(16):52, 54
Universal New York Health Care. A single-payer strategy linking cost control and universal access. Beauchamp DE, et al. **N Engl J Med** 1990 Sep 6;323(10):640–4
Job turnover—a problem with employer-based health care. Schorr AL. **N Engl J Med** 1990 Aug 23;323(8):543–5

INSURANCE, HEALTH, REIMBURSEMENT

Utilization management of mental health services by private third parties. Tischler GL. **Am J Psychiatry** 1990 Aug; 147(8):967–73 (41 ref.)

INSURANCE, HOSPITALIZATION

The 'Medicaidization' of AIDS. Trends in the financing of HIV-related medical care [see comments] Green J, et al. **JAMA** 1990 Sep 12;264(10):1261–6. Comment in: JAMA 1990 Sep 12;264(10):1294–5.
The association of payer with utilization of cardiac procedures in Massachusetts [see comments] Wenneker MB, et al. **JAMA** 1990 Sep 12;264(10):1255–60. Comment in: JAMA 1990 Sep 12;264(10):1294–5.

INTEGRINS

Localization of beta 1, beta 3, alpha 5, alpha v, and alpha IIb subunits of the integrin family in spreading human erythroleukemia cells. Ylänne J, et al. **Blood** 1990 Aug 1;

76(3):570-7
Fibronectin promotes proliferation of naive and memory T cells by signaling through both the VLA-4 and VLA-5 integrin molecules. Davis LS, et al. **J Immunol** 1990 Aug 1;145(3):785-93

INTELLIGENCE

Mental status changes in children receiving glucocorticoids. Review of the literature. Satel SL. **Clin Pediatr (Phila)** 1990 Jul;29(7):383-8 (49 ref.)
Otitis media in infancy and intellectual ability, school achievement, speech, and language at age 7 years. Greater Boston Otitis Media Study Group. Teele DW, et al. **J Infect Dis** 1990 Sep;162(3):685-94

INTENSIVE CARE UNITS

Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Dyer RA, et al. **Anesth Analg** 1990 Aug;71(2):130-6
Pharmacokinetics of long-term propofol infusion used for sedation in ICU patients. Albanese J, et al. **Anesthesiology** 1990 Aug;73(2):214-7
Clinical assessment of hemodynamic values in two surgical intensive care units. Effects on therapy. Celoria G, et al. **Arch Surg** 1990 Aug;125(8):1036-9
Usefulness of an antireflux valve in the intensive care unit. Shapiro MJ, et al. **Crit Care Med** 1990 Aug;18(8):878-9
Length of stay in the intensive care unit. Effects of practice guidelines and feedback. Eagle KA, et al. **JAMA** 1990 Aug 22-29;264(8):992-7

INTENSIVE CARE UNITS, NEONATAL

Illuminance of neonatal units. Robinson J, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):679-82
Predicting death from initial disease severity in very low birthweight infants: a method for comparing the performance of neonatal units. Tarnow-Mordi W, et al. **BMJ** 1990 Jun 23;300(6740):1611-4
Pain relief in neonatal intensive care [letter] Tohill J, et al. **Lancet** 1990 Sep 1;336(8714):569

INTENSIVE CARE UNITS, PEDIATRIC

Ketamine by continuous infusion for sedation in the pediatric intensive care unit. Tobias JD, et al. **Crit Care Med** 1990 Aug;18(8):819-21

INTERCOSTAL MUSCLES

The serratus anterior free-muscle flap: experience with 100 consecutive cases. Whitney TM, et al. **Plast Reconstr Surg** 1990 Sep;86(3):481-90; discussion 491

INTERFERON ALFA, RECOMBINANT

The effect of an intralesional sustained-release formulation of interferon alfa-2b on basal cell carcinomas. Edwards L, et al. **Arch Dermatol** 1990 Aug;126(8):1029-32
Interferon. Coming of age. Greenway HT Jr, et al. **Arch Dermatol** 1990 Aug;126(8):1080-2 (9 ref.)
A new treatment for polycythemia vera: recombinant interferon alfa. Silver RT. **Blood** 1990 Aug 15;76(4):664-5
A randomized controlled study of intravesical alpha-2b-interferon in carcinoma in situ of the bladder. Glashan RW. **J Urol** 1990 Sep;144(3):658-61
Suppression of hepatitis C virus RNA by interferon-alpha [letter] Kanai K, et al. **Lancet** 1990 Jul 28;336(8709):245

INTERFERON GAMMA, RECOMBINANT

Interferon-gamma inhibits 1,25-dihydroxyvitamin D3-stimulated synthesis of bone GLA protein in rat osteosarcoma cells by a pretranslational mechanism. Nanes MS, et al. **Endocrinology** 1990 Aug;127(2):588-94
1,25-Dihydroxyvitamin D3 antagonizes interferon-gamma-induced expression of class II major histocompatibility antigens on thyroid follicular and testicular Leydig cells. Tokuda N, et al. **Endocrinology** 1990 Sep;127(3):1419-27

INTERFERON TYPE I

Immunoreactive circulating alpha-interferon in rheumatoid arthritis [letter] Hasler F. **Br J Rheumatol** 1990 Aug; 29(4):315-6
A distinct population of nonphagocytic and low level CD4+ null lymphocytes produce IFN-alpha after stimulation by herpes simplex virus-infected cells. Sandberg K, et al. **J Immunol** 1990 Aug 1;145(3):1015-20

INTERFERON TYPE II

Interaction of platelet-activating factor with interferon-gamma in the stimulation of interleukin-1 production by human monocytes. Barthelson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):193-201
Macrophage deactivating factor and transforming growth factors-beta 1 -beta 2 and -beta 3 inhibit induction of macrophage nitrogen oxide synthesis by IFN-gamma. Ding A, et al. **J Immunol** 1990 Aug 1;145(3):940-4
Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. Doukas J, et al. **J Immunol** 1990 Aug 15; 145(4):1088-98
Induction and regulation of IL-4 receptor expression on murine macrophage cell lines and bone marrow-derived macrophages by IFN-gamma. Feldman GM, et al. **J Immunol** 1990 Aug 1;145(3):854-9
IFN-gamma is the inducer of indoleamine 2,3-dioxygenase in allografted tumor cells undergoing rejection. Takikawa O, et al. **J Immunol** 1990 Aug 15;145(4):1246-50
IL-4 regulates endothelial cell activation by IL-1, tumor necrosis factor, or IFN-gamma. Thornhill MH, et al. **J Immunol** 1990 Aug 1;145(3):865-72
Peripheral blood mononuclear cell interleukin-2 and interferon-gamma production, cytotoxicity, and antigen-stimulated blastogenesis during experimental rhinovirus infection. Hsia J, et al. **J Infect Dis** 1990 Sep; 162(3):591-7
Prevention of diabetes in BB/Wor rats treated with monoclonal antibodies to interferon-gamma [letter] Nicoletti F, et al. **Lancet** 1990 Aug 4;336(8710):319

INTERINSTITUTIONAL RELATIONS

The emerging relationship between academic health centers and continuing care retirement communities. Hershey HG, et al. **Acad Med** 1990 Jun;65(6):414-6
Need to share quality info spurs new network. Koska MT. **Hospitals** 1990 Aug 20;64(16):56, 58
Contracting: a partnership between hospitals and schools of nursing. Anema MG, et al. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):7, 17

INTERLEUKIN-1

Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Mustafa MM, et al. **Am J Dis Child** 1990 Aug;144(8):883-7
Increased levels of interleukin-1 in bronchoalveolar washings from children with bacterial pulmonary infections. Wilmott RW, et al. **Am Rev Respir Dis** 1990 Aug;142(2):365-8
Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Kung AW, et al. **Endocrinology** 1990 Sep;127(3):1369-74
Role of interleukin 1 in inflammatory bowel disease--enhanced production during active disease. Ligumsky M, et al. **Gut** 1990 Jun;31(6):686-9
Interaction of platelet-activating factor with interferon-gamma in the stimulation of interleukin-1 production by human monocytes. Barthelson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):193-201
The regulatory effects of cytokines on the induction of a peripheral immunologic tolerance in mice. Gahring LC, et al. **J Immunol** 1990 Sep 1;145(5):1318-23
T cells bind to cytokine-activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule-1. Graber N, et al. **J Immunol** 1990 Aug 1;145(3):819-30
Effect of long-term treatment with platelet-activating factor on IL-1 and IL-2 production by rat spleen cells. Pignol B, et al. **J Immunol** 1990 Aug 1;145(3):980-4
IL-1 binds to high affinity receptors on human osteosarcoma cells and potentiates prostaglandin E2 stimulation of cAMP production. Rodan SB, et al. **J Immunol** 1990 Aug 15; 145(4):1231-7
IL-4 regulates endothelial cell activation by IL-1, tumor necrosis factor, or IFN-gamma. Thornhill MH, et al. **J Immunol** 1990 Aug 1;145(3):865-72
The effect of human cytomegalovirus on the production and biologic action of interleukin-1. Moses AV, et al. **J Infect Dis** 1990 Aug;162(2):381-8
Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Ertel W, et al. **Surgery** 1990 Aug;108(2):154-9; discussion 159-60

INTERLEUKIN-2

Cytotoxic events taking place in the lung of patients with HIV-1 infection. Evidence of an intrinsic defect of the major histocompatibility complex-unrestricted killing partially restored by the incubation with rIL-2. Agostini C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):516-22
Histologic changes in superficial basal cell epithelioma and Bowen's disease by intralesional injection of recombinant interleukin 2: recombinant interleukin 2 may induce redifferentiation of malignant tumor cells in vivo [letter] Mihara M, et al. **Arch Dermatol** 1990 Aug;126(8):1107
Psychological stress-induced modulation of interleukin 2 receptor gene expression and interleukin 2 production in peripheral blood leukocytes. Glaser R, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):707-12
Interleukin-2 activity and serum levels of soluble interleukin-2 receptors in chronic active hepatitis B [letter] Casafont F, et al. **Dig Dis Sci** 1990 Aug;35(8):1045
Interleukin-2 is a potent inhibitor of Leydig cell steroidogenesis. Guo H, et al. **Endocrinology** 1990 Sep; 127(3):1234-9
IL-2. A cofactor for induction of activated macrophage resistance to infection. Belosevic M, et al. **J Immunol** 1990 Aug 1;145(3):831-9
IL-4 production by T cells from naive donors. IL-2 is required for IL-4 production. Ben-Sasson SZ, et al. **J Immunol** 1990 Aug 15;145(4):1127-36
Down-regulation of IL-2 production by activation of T cells through Ly-6A/E. Codias EK, et al. **J Immunol** 1990 Sep 1;145(5):1407-14
Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1; 145(5):1295-302
IL-2 enhances c-fms expression in human monocytes. Espinoza-Delgado I, et al. **J Immunol** 1990 Aug 15; 145(4):1137-43
Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen-induced suppressor T cells down-regulate proliferation and IL-2 production. Fidel PL Jr, et al. **J Immunol** 1990 Aug 15;145(4):1257-64
IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. Nieto MA, et al. **J Immunol** 1990 Sep 1;145(5):1364-8
Effect of long-term treatment with platelet-activating factor on IL-1 and IL-2 production by rat spleen cells. Pignol B, et al. **J Immunol** 1990 Aug 1;145(3):980-4
IL-2 and IL-6 synergize to augment the pore-forming protein gene expression and cytotoxic potential of human peripheral blood T cells. Smyth MJ, et al. **J Immunol** 1990 Aug 15;145(4):1159-66
Differential CD3/T cell antigen receptor-mediated IL-2 production in jurkat T cells. Dissociation of IL-2 response from total inositol phosphate and calcium responses. Stohl W, et al. **J Immunol** 1990 Aug 15;145(4):1078-87
Role of IL-5 in IL-2-induced eosinophilia. In vivo and in vitro expression of IL-5 mRNA by IL-2. Yamaguchi Y, et al. **J Immunol** 1990 Aug 1;145(3):873-7
Peripheral blood mononuclear cell interleukin-2 and interferon-gamma production, cytotoxicity, and antigen-stimulated blastogenesis during experimental rhinovirus infection. Hsia J, et al. **J Infect Dis** 1990 Sep; 162(3):591-7
Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin-2 or interleukin-2 plus lymphokine activated killer cells. Robertson CN, et al. **J Urol** 1990 Sep;144(3):614-7; discussion 617-8
Reconstitution of interleukin-2 [letter] **Lancet** 1990 Aug 18; 336(8712):445-6
Reconstitution of interleukin-2 with albumin for infusion [letter] Hamblin T. **Lancet** 1990 Jul 28;336(8709):251
A defect in chemotaxis from interleukin-2 [letter] Schleiffenbaum B, et al. **N Engl J Med** 1990 Sep 6; 323(10):682-3
Tamoxifen potentiates in vivo antitumor activity of interleukin-2. Kim B, et al. **Surgery** 1990 Aug; 108(2):139-44; discussion 144-5
Protein-calorie malnutrition inhibits antitumor response to interleukin-2 immunotherapy. Lieberman MD, et al. **Surgery** 1990 Aug;108(2):452-8; discussion 458-9

INTERLEUKIN-3

Effects of recombinant human interleukin-3 in patients with myelodysplastic syndromes. Ganser A, et al. **Blood** 1990 Aug 1;76(3):455-62
Effects of recombinant human interleukin-3 in patients with normal hematopoiesis and in patients with bone marrow failure. Ganser A, et al. **Blood** 1990 Aug 15;76(4):666-76
A comparison of treatment of canine cyclic hematopoiesis with recombinant human granulocyte-macrophage colony-stimulating factor (GM-CSF), G-CSF interleukin-3, and canine G-CSF. Hammond WP, et al. **Blood** 1990 Aug 1;76(3):523-32
Antigenic challenge of immunized mice induces endogeneous production of IL-3 that increases histamine synthesis in hematopoietic organs. Lebel B, et al. **J Immunol** 1990 Aug 15;145(4):1222-6
Differentiation of the IL-3-dependent NFS-60 cell line and adaption to growth in macrophage colony-stimulating factor. Nakoinz I, et al. **J Immunol** 1990 Aug 1;145(3):860-4

INTERLEUKIN-4

Low levels of interleukin-4 and high levels of transforming growth factor beta in rheumatoid synovitis. Miossec P, et al. **Arthritis Rheum** 1990 Aug;33(8):1180-7
IL-4 production by T cells from naive donors. IL-2 is required for IL-4 production. Ben-Sasson SZ, et al. **J Immunol** 1990 Aug 15;145(4):1127-36
Regulation and development of cytochrome c-specific IL-4-producing T cells. Betz M, et al. **J Immunol** 1990 Aug 15;145(4):1046-52
Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1;

145(5):1295–302
IL-4 inhibits the expression of high affinity IL-2 receptors on monoclonal human B cells. Karray S, et al. **J Immunol** 1990 Aug 15;145(4):1152–8
Inhibitory effect of murine recombinant IL-4 on thymocyte development in fetal thymus organ cultures. Plum J, et al. **J Immunol** 1990 Aug 15;145(4):1066–73
IL-4 inhibits the expression of IL-8 from stimulated human monocytes. Standiford TJ, et al. **J Immunol** 1990 Sep 1; 145(5):1435–9
IL-4 regulates endothelial cell activation by IL-1, tumor necrosis factor, or IFN-gamma. Thornhill MH, et al. **J Immunol** 1990 Aug 1;145(3):865–72

INTERLEUKIN-5

Role of IL-5 in IL-2-induced eosinophilia. In vivo and in vitro expression of IL-5 mRNA by IL-2. Yamaguchi Y, et al. **J Immunol** 1990 Aug 1;145(3):873–7

INTERLEUKIN-6

Trophoblast-derived interleukin-6 (IL-6) regulates human chorionic gonadotropin release through IL-6 receptor on human trophoblasts. Nishino E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):436–41
Dysregulated interleukin 6 expression produces a syndrome resembling Castleman's disease in mice. Brandt SJ, et al. **J Clin Invest** 1990 Aug;86(2):592–9
Association between IL-6 and CD40 signaling. IL-6 induces phosphorylation of CD40 receptors. Clark EA, et al. **J Immunol** 1990 Sep 1;145(5):1400–6
Divergent activities of protein kinases in IL-6-induced differentiation of a human B cell line. Goldstein H, et al. **J Immunol** 1990 Aug 1;145(3):952–61
Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42
IL-2 and IL-6 synergize to augment the pore-forming protein gene expression and cytotoxic potential of human peripheral blood T cells. Smyth MJ, et al. **J Immunol** 1990 Aug 15;145(4):1159–66
Monoclonal antibody to endotoxin core protects mice from Escherichia coli sepsis by a mechanism independent of tumor necrosis factor and interleukin-6. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):454–9

INTERLEUKINS

Lymphokine-regulated differential expression of mRNA for p75kDa-IL-2R and p55kDa-IL-2R in a cloned B lymphoma line (BLC1-CL-3 cells). Nakanishi K, et al. **J Immunol** 1990 Sep 1;145(5):1423–9
IL-4 inhibits the expression of IL-8 from stimulated human monocytes. Standiford TJ, et al. **J Immunol** 1990 Sep 1; 145(5):1435–9

INTERMITTENT CLAUDICATION

Improved patient selection for angioplasty utilizing color Doppler imaging. Collier P, et al. **Am J Surg** 1990 Aug; 160(2):171–4

INTERNAL MAMMARY-CORONARY ARTERY ANASTOMOSIS

Hemostatic technique for internal mammary artery anastomotic bleeding. Bhattacharyya SS, et al. **Ann Thorac Surg** 1990 Aug;50(2):316–7
Inadequate flow of the internal mammary artery: another complication of sternal overretraction [letter] Jebara VA, et al. **Ann Thorac Surg** 1990 Aug;50(2):336–7
Internal mammary artery marker [letter] Kyger ER 3d. **Ann Thorac Surg** 1990 Aug;50(2):333–4

INTERNAL MEDICINE

Does an ambulatory-care experience influence third-year students to select a career in internal medicine? Fincher RM, et al. **Acad Med** 1990 Jun;65(6):421
Psychiatrist-attended work rounds: integrating psychiatry into internal medicine training. Rosenberg MR, et al. **Acad Med** 1990 Jun;65(6):422–3
Performances of U.S. osteopathic and Canadian medical school graduates on the American Board of Internal Medicine Certifying Examinations, 1984–1988. Shea JA, et al. **Acad Med** 1990 Aug;65(8):523–6
National Study of Internal Medicine Manpower: XVII. Changes in the characteristics of internal medicine residents and their training programs, 1988–1989. Andersen RM, et al. **Ann Intern Med** 1990 Aug 1;113(3):243–9
The prevalence of symptoms in medical outpatients and the adequacy of therapy [see comments] Kroenke K, et al. **Arch Intern Med** 1990 Aug;150(8):1685–9. Comment in: Arch Intern Med 1990 Aug;150(8):1586–7.
A piece of my mind. Paper patients. Kardassakis DG. **JAMA** 1990 Sep 12;264(10):1340

INTERNATIONAL EDUCATIONAL EXCHANGE

Credentialing for international fellowships. Burton RI. **Clin Orthop** 1990 Aug;(257):61–3

INTERNSHIP AND RESIDENCY

Radiation exposure of pediatrics residents. Adler R, et al. **Acad Med** 1990 Jun;65(6):419–20
College health services as a site for ambulatory care training of residents and medical students. Chuck JM, et al. **Acad Med** 1990 Aug;65(8):527–9
Amount and distribution of interns' working hours. Kroboth FJ, et al. **Acad Med** 1990 Aug;65(8):542
Factors influencing residents' decisions not to provide obstetrical services in their future practices. O'Dell ML. **Acad Med** 1990 Jun;65(6):420
Appropriate charging for professional fees by academic physicians. Purvis JR, et al. **Acad Med** 1990 Jun;65(6):423
Machiavelli and the chief resident. Raviglione MC. **Acad Med** 1990 Jun;65(6):361–2
Geriatrics in residency programs. Reuben DB, et al. **Acad Med** 1990 Jun;65(6):382–7
Psychiatrist-attended work rounds: integrating psychiatry into internal medicine training. Rosenberg MR, et al. **Acad Med** 1990 Jun;65(6):422–3
Evaluating the clinical skills of foreign medical school graduates participating in an internship preparation program. Rothman AI, et al. **Acad Med** 1990 Jun; 65(6):391–5
Recommended core educational guidelines on rheumatology for family practice residents. **Am Fam Physician** 1990 Aug; 42(2):495–7
The eighty-hour workweek. Residency friend or foe? [editorial] Bedrick AD. **Am J Dis Child** 1990 Aug; 144(8):857
Psychotherapy training for residents [letter] **Am J Psychiatry** 1990 Sep;147(9):1257–8
Comments on task force report on psychiatric residency [letter] **Am J Psychiatry** 1990 Aug;147(8):1095–9
An applicant's evaluation of an emergency medicine internship and residency. Koscove EM. **Ann Emerg Med** 1990 Jul;19(7):774–80
Computerized tracking of emergency medicine resident clinical experience. Langdorf MI, et al. **Ann Emerg Med** 1990 Jul;19(7):764–73
The need for coding systems to evaluate emergency medicine residency programs [editorial] Tintinalli JE. **Ann Emerg Med** 1990 Jul;19(7):827–8
National Study of Internal Medicine Manpower: XVII. Changes in the characteristics of internal medicine residents and their training programs, 1988–1989. Andersen RM, et al. **Ann Intern Med** 1990 Aug 1;113(3):243–9
The resident selection process in otolaryngology-head and neck surgery. Calhoun KH, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1041–3
Models for clinical pathology training [letter] Oxley DK. **Arch Pathol Lab Med** 1990 Aug;114(8):821
The relationship between residency programs and fellowships in the educational setting. Allen WC. **Clin Orthop** 1990 Aug;(257):57–60
Teaching colposcopy and androscopy in family practice residencies. Newkirk GR, et al. **J Fam Pract** 1990 Aug; 31(2):171–8
No time on their hands [editorial] Laskin DM. **J Oral Maxillofac Surg** 1990 Aug;48(8):779
Regulation of working hours for residents [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):346–7
AMA-RPS elects 1990-1991 Governing Council. **JAMA** 1990 Aug 8;264(6):744
AMA-RPS supports increased hospital security. **JAMA** 1990 Sep 12;264(10):1245
AMA-RPS annual meeting actions. **JAMA** 1990 Aug 22–29; 264(8):956
AMA-RPS takes stand on maternal-fetal conflict. **JAMA** 1990 Sep 12;264(10):1245
The debt and the cash flow of residents: I. The grim present [letter] **JAMA** 1990 Sep 12;264(10):1247–9
Graduate medical education in the United States. Rowley BD, et al. **JAMA** 1990 Aug 15;264(7):822–32
The debt and the cash flow of residents: II. And now for the future: the end of HEAL? [letter] Walden TL Jr. **JAMA** 1990 Sep 12;264(10):1249–50
Gross and histologic examination of tubal ligation failures in a residency training program. Stovall TG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):461–5
A study of the on-duty hours of surgical residents. Scher KS, et al. **Surgery** 1990 Aug;108(2):393–7; discussion 397–9

INTERPROFESSIONAL RELATIONS

Machiavelli and the chief resident. Raviglione MC. **Acad Med** 1990 Jun;65(6):361–2
CFOs see physician relations as key to financial performance. Anderson HJ. **Hospitals** 1990 Aug 20;64(16):38–42
A piece of my mind. A snorkel, a 5-iron, and a pen. Nelson JC. **JAMA** 1990 Aug 8;264(6):742
Doctors and nurses [letter] **Lancet** 1990 Aug 25;336(8713):511
A suitable case for intimacy [editorial] **Lancet** 1990 Jul 28; 336(8709):217–8

INTERVERTEBRAL DISK

Discovertebral destruction in ankylosing spondylitis: the role of computed tomography and magnetic resonance imaging. Kenny JB, et al. **Br J Radiol** 1990 Jun;63(750):448–55
Lumbar discography in normal subjects. A controlled, prospective study. Walsh TR, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1081–8

INTERVERTEBRAL DISK DISPLACEMENT

Lumbar disk disease [letter] **Ann Intern Med** 1990 Aug 15; 113(4):330–1

INTERVIEWS

The nature of patients' requests for physicians' help. Eisenthal S, et al. **Acad Med** 1990 Jun;65(6):401–5
The influence of applicants' gender on medical school interviews. Marquart JA, et al. **Acad Med** 1990 Jun; 65(6):410–1
Pediatric interview assessment of child abuse. Challenges and opportunities. Newberger EH. **Pediatr Clin North Am** 1990 Aug;37(4):943–54 (19 ref.)

INTESTINAL ABSORPTION

Zinc metabolism in celiac disease. Crofton RW, et al. **Am J Clin Nutr** 1990 Aug;52(2):379–82
Absorption of carbohydrate from rice in Burmese village children and adults. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):342–7
Small intestinal permeability and orocaecal transit time in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jun; 65(6):585–8
Digestion and absorption in the human intestine of three sugar alcohols. Beaugerie L, et al. **Gastroenterology** 1990 Sep;99(3):717–23
Jejunal bacterial overgrowth and intestinal permeability in children with immunodeficiency syndromes. Pignata C, et al. **Gut** 1990 Aug;31(8):879–82
Inhibition of Na/H exchange in avian intestine by atrial natriuretic factor. Semrad CE, et al. **J Clin Invest** 1990 Aug;86(2):585–91
Premicellar taurocholate avidly binds ferrous (Fe++) iron: a potential physiologic role for bile salts in iron absorption. Sanyal AJ, et al. **J Lab Clin Med** 1990 Jul;116(1):76–86
Effect of lactose on mineral absorption in preterm infants. Wirth FH Jr, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):283–7

INTESTINAL DISEASES

Enteropathy associated with HIV [letter] Batman PA, et al. **Gut** 1990 Aug;31(8):960

INTESTINAL DISEASES, PARASITIC

Small intestinal injury and parasitic diseases in AIDS. Kotler DP, et al. **Ann Intern Med** 1990 Sep 15;113(6):444–9
Protracted enteric cryptosporidial infection in selective immunoglobulin A and saccharomyces opsonin deficiencies. Jacyna MR, et al. **Gut** 1990 Jun;31(6):714–6

INTESTINAL FISTULA

Fetal vesicorectal fistula causing oligohydramnios in the second trimester. Case report. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1990 May;97(5):449–51
Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Hill LM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):500–2

INTESTINAL MUCOSA

Sulphomucin-secreting intestinal metaplasia in the human gastric mucosa. An association with intestinal-type gastric carcinoma. Matsukuma A, et al. **Cancer** 1990 Aug 15; 66(4):689–94
Abnormal DNA ploidy and proliferative patterns in superficial colonic epithelium adjacent to colorectal cancer. Ngoi SS, et al. **Cancer** 1990 Sep 1;66(5):953–9
Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Verhest A, et al. **Cancer** 1990 May 1;65(9):2047–54
16,16-Dimethyl prostaglandin E2 induces villus contraction in rats without affecting intestinal restitution. Erickson RA, et al. **Gastroenterology** 1990 Sep;99(3):708–16
Gliadin challenge-induced jejunal prostaglandin E2 secretion in celiac disease. Lavö B, et al. **Gastroenterology** 1990 Sep; 99(3):703–7
Quantitative histological study of mucosal inflammatory cell densities in endoscopic duodenal biopsy specimens from dyspeptic patients using computer linked image analysis. Collins JS, et al. **Gut** 1990 Aug;31(8):858–61
Role of interleukin 1 in inflammatory bowel disease—enhanced production during active disease. Ligumsky M, et al. **Gut** 1990 Jun;31(6):686–9
Gamma/delta T cells in the gut epithelium. Viney J, et al. **Gut** 1990 Aug;31(8):841–4 (34 ref.)
Inhibition of Na/H exchange in avian intestine by atrial natriuretic factor. Semrad CE, et al. **J Clin Invest** 1990 Aug;86(2):585–91
Does delay in fixation affect the number of mitotic figures in processed tissue? Cross SS, et al. **J Clin Pathol** 1990 Jul;43(7):597–9
Activity of duodenal disaccharidases in relation to normal and abnormal mucosal morphology. Langman JM, et al.

J Clin Pathol 1990 Jul;43(7):537–40
Proliferation rate of colonic mucosa in normal subjects and patients with colonic neoplasms: a refined immunohistochemical method. Welberg JW, et al. **J Clin Pathol** 1990 Jun;43(6):453–6
Differentiation and functional maturation of bone marrow-derived intestinal epithelial T cells expressing membrane T cell receptor in athymic radiation chimeras. Mosley RL, et al. **J Immunol** 1990 Sep 1;145(5):1369–75
Hemorrhagic shock-induced bacterial translocation: the role of neutrophils and hydroxyl radicals. Deitch EA, et al. **J Trauma** 1990 Aug;30(8):942–51; discussion 951–2

INTESTINAL NEOPLASMS

Dietary fibre. Heaton KW. **BMJ** 1990 Jun 9; 300(6738):1479–80 (47 ref.)
Investigations on the significance of the adenoma-carcinoma sequence in the small bowel. Sellner F. **Cancer** 1990 Aug 15;66(4):702–15 (272 ref.)

INTESTINAL OBSTRUCTION

Case of the month. A Chinese puzzle. Williams JW, et al. **Br J Radiol** 1990 May;63(749):367–8
Gallstone ileus. Clavien PA, et al. **Br J Surg** 1990 Jul; 77(7):737–42 (42 ref.)
Hypernatremia associated with N-acetylcysteine therapy for meconium ileus in a premature infant. Langer JC, et al. **Can Med Assoc J** 1990 Aug 1;143(3):202–3
Temporary gastrostomy tubes in major gynecologic surgery. Wiedemann MA, et al. **South Med J** 1990 Aug;83(8):893–4

INTESTINAL PERFORATION

Perforated gastrointestinal tuberculosis [letter] Porter KA, et al. **Dig Dis Sci** 1990 Aug;35(8):1046–8
Perforation of colon in distal intestinal syndrome of cystic fibrosis [letter] Whitehead AM. **Lancet** 1990 Aug 18; 336(8712):446
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 35-1990. A 28-year-old Guatemalan woman with recurrent abdominal pain, fever, and diarrhea. **N Engl J Med** 1990 Aug 30;323(9):593–600
Appendiceal calculi and fecaliths as indications for appendectomy. Nitecki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):185–8

INTESTINAL POLYPS

Sucrase-isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas. Wiltz O, et al. **Surgery** 1990 Aug;108(2):269–75; discussion 275–6

INTESTINE, LARGE

Calcification of the large bowel in schistosomiasis demonstrated by computed tomography. al-Hindawi M, et al. **Br J Radiol** 1990 May;63(749):357–60

INTESTINE, SMALL

Small intestinal injury and parasitic diseases in AIDS. Kotler DP, et al. **Ann Intern Med** 1990 Sep 15;113(6):444–9
Non-invasive assessment of intraluminal lipolysis using a 13CO2 breath test. Murphy MS, et al. **Arch Dis Child** 1990 Jun;65(6):574–8
Oral glutamine accelerates healing of the small intestine and improves outcome after whole abdominal radiation. Klimberg VS, et al. **Arch Surg** 1990 Aug;125(8):1040–5
Case of the month. A Chinese puzzle. Williams JW, et al. **Br J Radiol** 1990 May;63(749):367–8
Single layer anastomosis in the upper gastrointestinal tract. Irwin ST, et al. **Br J Surg** 1990 Jun;77(6):643–4
Antenatal fetal diagnosis and maternal transport gastroschisis. A maternal-infant case report. Carlan SJ, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):378–81
Adaptation of cholinergic enteric neuromuscular transmission in diabetic rat small intestine. Nowak TV, et al. **Diabetes** 1990 Aug;39(8):891–7
Ileal glucagon gene expression: ontogeny and response to massive small bowel resection. Taylor RG, et al. **Gastroenterology** 1990 Sep;99(3):724–9
Systemic factors and luminal contents in gut adaptation [letter] Banerjee AK. **Gut** 1990 Aug;31(8):959
Mesenteric arteritis. Mosley JG, et al. **Gut** 1990 Aug; 31(8):956–7
Small-bowel origin of the signal for meal-induced jejunal absorption. Bastidas JA, et al. **Surgery** 1990 Aug; 108(2):376–83

INTESTINES

Growth after gut resection for Crohn's disease. McLain BI, et al. **Arch Dis Child** 1990 Jul;65(7):760–2
Prediction of the delayed complications of intestinal and mesenteric injuries following experimental blunt abdominal trauma. Paterson-Brown S, et al. **Br J Surg** 1990 Jun; 77(6):648–51
The protective effect of gamma-hydroxybutyrate in regional intestinal ischemia in the hamster. Boyd AJ, et al. **Gastroenterology** 1990 Sep;99(3):860–2
Intraintestinal migration to the epithelium of protective, dividing, anti-Trichinella spiralis CD4+ OX22- cells requires MHC class II compatibility. Wang CH, et al. **J Immunol** 1990 Aug 1;145(3):1021–8
Altered motility and bacterial flora after functional end-to-end anastomosis. Hocking MP, et al. **Surgery** 1990 Aug;108(2):384–91; discussion 391–2
Food without fiber promotes bacterial translocation from the gut. Spaeth G, et al. **Surgery** 1990 Aug;108(2):240–6; discussion 246–7

INTRA-AORTIC BALLOON PUMPING

Acute myocardial infarction with cardiogenic shock during pregnancy: treatment with intra-aortic balloon counterpulsation. Allen JN, et al. **Crit Care Med** 1990 Aug; 18(8):888–9

INTRACRANIAL PRESSURE

Cerebral perfusion pressure management in head injury. Rosner MJ, et al. **J Trauma** 1990 Aug;30(8):933–40; discussion 940–1
The effects of aortic crossclamping and resuscitation on intracranial pressure, cerebral blood flow, and cerebral water content in a model of focal brain injury and hemorrhagic shock. Shackford SR, et al. **J Trauma** 1990 Jul;30(7):768–74; discussion 774–5

INTRAOCULAR PRESSURE

A comparison of the effects of alfentanil/droperidol or fentanyl/droperidol on intra-ocular pressure. Coley S, et al. **Anaesthesia** 1990 Jun;45(6):477–80
Effects of halothane on intraocular pressure in anesthetized children. Watcha MF, et al. **Anesth Analg** 1990 Aug; 71(2):181–4
Effect of sulcus vs capsular fixation on YAG-induced pressure rises following posterior capsulotomy. Gimbel HV, et al. **Arch Ophthalmol** 1990 Aug;108(8):1126–9

INTRAOPERATIVE CARE

Maintenance of body temperature in elderly patients who have joint replacement surgery. A comparison between the heat and moisture exchanger and heated humidifier. Yam PC, et al. **Anaesthesia** 1990 Jul;45(7):563–5

INTRAOPERATIVE COMPLICATIONS

Rate-responsive pacemakers and anaesthesia. A consideration of possible implications. Andersen C, et al. **Anaesthesia** 1990 Jun;45(6):472–6 (35 ref.)
Awareness and pain during surgery [letter] Henshaw JS. **Anaesthesia** 1990 Jun;45(6):491–2
Recurrent bradycardia due to latent sick sinus syndrome [letter] Levy DM. **Anaesthesia** 1990 Jun;45(6):488–9
Internal jugular catheterisation. Case report of a potentially fatal hazard. Powell H, et al. **Anaesthesia** 1990 Jun; 45(6):458–9
Left atrial air embolism during intraoperative needle biopsy of a deep pulmonary lesion. Worth ER, et al. **Anesthesiology** 1990 Aug;73(2):342–5
Midazolam-fentanyl intravenous sedation in children: case report of respiratory arrest. Yaster M, et al. **Pediatrics** 1990 Sep;86(3):463–7

INTRAUTERINE DEVICES

Preventing IUCD-related pelvic infection: the efficacy of prophylactic doxycycline at insertion. Sinei SK, et al. **Br J Obstet Gynaecol** 1990 May;97(5):412–9

INTRAUTERINE DEVICES, COPPER

Long-term use of copper intrauterine devices [letter] Sivin I. **Lancet** 1990 Aug 25;336(8713):504

INTRONS

Chromosomal breakpoints within the first intron of the ABL gene are nonrandom in patients with chronic myelogenous leukemia. Jiang XY, et al. **Blood** 1990 Aug 1;76(3):597–601

INTUBATION

Kinking of the laryngeal mask airway in two children [letter] Goldberg PL, et al. **Anaesthesia** 1990 Jun;45(6):487–8
Tracheal agenesis. Chiu T, et al. **South Med J** 1990 Aug; 83(8):925–30 (13 ref.)

INTUBATION, GASTROINTESTINAL

Administration of 131I capsule via nasogastric tube in an uncooperative patient with Graves disease. Lowry PA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):611–2
Usefulness of an antireflux valve in the intensive care unit. Shapiro MJ, et al. **Crit Care Med** 1990 Aug;18(8):878–9

INTUBATION, INTRATRACHEAL

A difficult tracheal intubation as a result of obesity and absence of teeth. Brahams D. **Anaesthesia** 1990 Jul; 45(7):586–7
Bimanual cricoid pressure [letter] Crowley DS, et al. **Anaesthesia** 1990 Jul;45(7):588–9
The Fenem CO2 detector device. An apparatus to prevent unnoticed oesophageal intubation. Denman WT, et al. **Anaesthesia** 1990 Jun;45(6):465–7
An unusual complication of tracheal intubation. Gray B, et al. **Anaesthesia** 1990 Jul;45(7):558–60
Confirmation of tracheal intubation in a neonate using the Fenem CO2 detector [letter] Higgins D. **Anaesthesia** 1990 Jul;45(7):591–2
Goldenhar's syndrome [letter] Khan FM. **Anaesthesia** 1990 Jul;45(7):592–3
Problems with the Mallampati sign [letter] Wilson ME, et al. **Anaesthesia** 1990 Jun;45(6):486–7
Vecuronium for rapid-sequence intubation for cesarean section. Hawkins JL, et al. **Anesth Analg** 1990 Aug; 71(2):185–90
Bronchial cuff pressure of endobronchial double-lumen tubes [letter] Neto PP. **Anesth Analg** 1990 Aug;71(2):209
A modified tubular pharyngolaryngoscope for difficult pediatric laryngoscopy [letter] Diaz JH, et al. **Anesthesiology** 1990 Aug;73(2):357–8
A new technique for replacing an endobronchial double-lumen tube with an endotracheal single-lumen tube. Gatell JA, et al. **Anesthesiology** 1990 Aug;73(2):340–1
Rapid-sequence orotracheal intubation: a comparison of three techniques. Silverman SM, et al. **Anesthesiology** 1990 Aug;73(2):244–8
Fiberoptically guided intubation in children with gangrenous stomatitis (noma). Tassonyi E, et al. **Anesthesiology** 1990 Aug;73(2):348–9
Primary survey in major trauma [letter] Calder I. **BMJ** 1990 Jun 23;300(6740):1652
Fiberoptic bronchoscopy in adult airway management. Dellinger RP. **Crit Care Med** 1990 Aug;18(8):882–7
Nosocomial sinusitis in pediatric intensive care patients [letter] Guerin JM, et al. **Crit Care Med** 1990 Aug;18(8):902
Does continuous positive airway pressure compensate for loss of glottic function during tracheal intubation? Smith RA, et al. **Crit Care Med** 1990 Aug;18(8):848–50

INTUSSUSCEPTION

Rectopexy for internal rectal intussusception. McCue JL, et al. **Br J Surg** 1990 Jun;77(6):632–4
Test your skills. Inverted Meckel diverticulum with intussusception. Rubesin SE, et al. **Radiology** 1990 Sep; 176(3):636, 644
Childhood intussusception. Skipper RP, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):151–3

IODIDE PEROXIDASE

Effect of total sleep deprivation on 5'-deiodinase activity of rat brown adipose tissue. Balzano S, et al. **Endocrinology** 1990 Aug;127(2):882–90
Synergistic effect of thyroid hormone and thyrotropin on iodothyronine 5'-deiodinase in FRTL-5 rat thyroid cells. Toyoda N, et al. **Endocrinology** 1990 Sep;127(3):1199–205
Thyroxine 5'-deiodinase in human anterior pituitary tumors. Itagaki Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):340–4
Characterization, by molecular cloning, of smaller forms of thyroid peroxidase messenger ribonucleic acid in human thyroid cells as alternatively spliced transcripts. Nagayama Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):384–90

IODIDES

Epidermal growth factor inhibits radioiodine uptake but stimulates deoxyribonucleic acid synthesis in newborn rat thyroids grown in nude mice. Ozawa S, et al. **Endocrinology** 1990 Aug;127(2):604–12

IODINE

Changes in 127I mice thyroid follicle studied by analytical ion microscopy: a key for the comprehension of amiodarone-induced thyroid diseases. Briançon C, et al. **Endocrinology** 1990 Sep;127(3):1502–9

IODINE RADIOISOTOPES

Administration of 131I capsule via nasogastric tube in an uncooperative patient with Graves disease. Lowry PA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):611–2
Radiation-induced prostatic sarcoma: a case report. Scully JM, et al. **J Urol** 1990 Sep;144(3):746–8
125iodine reimplantation for locally progressive prostatic carcinoma. Wallner KE, et al. **J Urol** 1990 Sep;144(3):704–6

ION CHANNELS

Intracellular regulation of ion channels in cell membranes. Lewis DL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1127–43 (107 ref.)

IOPANOIC ACID

Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Katzeff HL, et al. **Am J Clin Nutr** 1990 Aug;52(2):263–6

IRIS DISEASES

Relative afferent pupillary defect with normal visual function [letter] Forman S, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1074–5

IRON

Milk's effect on the bioavailability of iron from cereal-based diets in young women by use of in vitro and in vivo methods. Turnlund JR, et al. **Am J Clin Nutr** 1990 Aug; 52(2):373–8

Microcytosis, iron deficiency, and thalassaemia in preschool children. Earley A, et al. **Arch Dis Child** 1990 Jun; 65(6):610–4

Iron-accumulating adenomatous hyperplastic nodule with malignant foci in the cirrhotic liver. Histopathologic, quantitative iron, and magnetic resonance imaging in vitro studies. Terada T, et al. **Cancer** 1990 May 1;65(9):1994–2000

Iron needs during rapid growth and mental development. Filer LJ Jr. **J Pediatr** 1990 Aug;117(2 Pt 2):S143–6 (23 ref.)

Iron deficiency in children with cyanotic congenital heart disease. West DW, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):266–8

Preliminary report: furunculosis and hypoferraemia. Weijmer MC, et al. **Lancet** 1990 Aug 25;336(8713):464–6

IRON CHELATES

Effect of age at the start of iron chelation therapy on gonadal function in beta-thalassemia major. Bronspiegel-Weintrob N, et al. **N Engl J Med** 1990 Sep 13;323(11):713–9

ISCHEMIA

Effect of a failed distal reconstruction on the level of amputation. Evans WE, et al. **Am J Surg** 1990 Aug; 160(2):217–20

Vascular access in patients with arterial insufficiency. Construction of proximal bridge fistulae based on inflow from axillary branch arteries. Jendrisak MD, et al. **Ann Surg** 1990 Aug;212(2):187–93

The role of optic nerve sheath fenestration in management of anterior ischemic optic neuropathy [letter] Hayreh SS. **Arch Ophthalmol** 1990 Aug;108(8):1063–5

Nonarteritic ischemic optic neuropathy in identical female twins: improvement of visual outcome in one by optic nerve decompression [letter] Manor RS. **Arch Ophthalmol** 1990 Aug;108(8):1067–8

Can empty sella syndrome be mistaken for a progressive form of nonarteritic ischemic optic neuropathy? [letter] Mutlukan E, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1066–7

Does optic nerve sheath decompression help progressive ischemic optic neuropathy? [letter] Wilson WB. **Arch Ophthalmol** 1990 Aug;108(8):1065–6

Emergency arterial reconstruction for acute ischaemia. Hickey NC, et al. **Br J Surg** 1990 Jun;77(6):680–1

Axillofemoral bypass as a limb salvage procedure in high risk patients with aortoiliac disease. Naylor AR, et al. **Br J Surg** 1990 Jun;77(6):659–61

Severe mesenteric ischemia due to primary thrombocythemia treated with prostacyclin. Nimmo GR, et al. **Crit Care Med** 1990 Aug;18(8):889–90

Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Chantelau E, et al. **Diabetes** 1990 Aug;39(8):938–41

The protective effect of gamma-hydroxybutyrate in regional intestinal ischemia in the hamster. Boyd AJ, et al. **Gastroenterology** 1990 Sep;99(3):860–2

The effect of protein intake on the lifelong changes in renal function of rats with a solitary kidney damaged at young age. Provoost AP, et al. **J Urol** 1990 Aug;144(2 Pt 2):567–73; discussion 593–4

Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Nauta RJ, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):120–5

ISCHIUM

Avulsion of the ischial apophysis. The case for open reduction and internal fixation. Wootton JR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):625–7

ISLANDS OF LANGERHANS

Glyburide: new insights into its effects on the beta cell and beyond. Proceedings of a symposium. **Am J Med** 1990 Aug 20;89(2A):1S–52S

Molecular mechanisms of action of glyburide on the beta cell. Boyd AE 3d, et al. **Am J Med** 1990 Aug 20; 89(2A):3S–10S; discussion 51S–53S (36 ref.)

Glyburide: new insights into its effects on the beta cell and beyond—introduction. Gavin JR 3d. **Am J Med** 1990 Aug 20;89(2A):1S–2S

Effect of glyburide on beta cell responsiveness to glucose in non-insulin-dependent diabetes mellitus. O'Meara NM, et al. **Am J Med** 1990 Aug 20;89(2A):11S–16S; discussion 51S–53S (39 ref.)

Insulitis and diabetes in NOD mice reduced by prophylactic insulin therapy. Atkinson MA, et al. **Diabetes** 1990 Aug; 39(8):933–7

Selective elimination of fibroblasts from pancreatic islet monolayers by basic fibroblast growth factor-saporin mitotoxin. Beattie GM, et al. **Diabetes** 1990 Aug; 39(8):1002–5

Islet cell antibodies as predictive markers for IDDM in children with high background incidence of disease. Karjalainen JK. **Diabetes** 1990 Sep;39(9):1144–50

Recognition of common islet antigen by autoantibodies from NOD mice and humans with IDDM. Karounos DG, et al. **Diabetes** 1990 Sep;39(9):1085–90

Demonstration of lactogenic receptors in rat endocrine pancreases by quantitative autoradiography. Polak M, et al. **Diabetes** 1990 Sep;39(9):1045–9

Immunogenetic analysis of beta-cell autoimmunity in NOD mice. Relationship of insulitis to T-lymphocyte-receptor beta nod and A beta nod genes. Winter WE, et al. **Diabetes** 1990 Aug;39(8):975–82

Inhibition of cytokine-induced MHC class II but not class I molecule expression on mouse islet cells by niacinamide and 3-aminobenzamide. Yamada K, et al. **Diabetes** 1990 Sep;39(9):1125–30

Deoxyribonucleic acid synthesis in cultured adult rat pancreatic B cells. De Vroede MA, et al. **Endocrinology** 1990 Sep;127(3):1510–6

Pancreatic islet transplantation after upper abdominal exenteration and liver replacement. Tzakis AG, et al. **Lancet** 1990 Aug 18;336(8712):402–5

Trophic stimulation of the ductal/islet cell axis: a new approach to the treatment of diabetes. Rosenberg L, et al. **Surgery** 1990 Aug;108(2):191–7

ISLET CELL TUMOR

Islet cell tumors in von Hippel-Lindau disease: increased prevalence and relationship to the multiple endocrine neoplasias. Binkovitz LA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):501–5

Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930–5

Increased amino acid clearance and urea synthesis in a patient with glucagonoma. Almdal TP, et al. **Gut** 1990 Aug; 31(8):946–8

Pseudoinsulinoma—the Diamox-Diabinese switch [letter] Hooper PL, et al. **N Engl J Med** 1990 Aug 16;323(7):488

Selective arterial stimulation of secretin in localization of gastrinomas. Rosato FE, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):196–200

ISOANTIGENS

Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival. Kamei T, et al. **Surgery** 1990 Aug;108(2):415–21; discussion 421–2

ISOENZYMES

Glutathione S-transferases in alcoholic liver disease. Harrison DJ, et al. **Gut** 1990 Aug;31(8):909–12

ISOFLURANE

Cardiovascular actions of common anesthetic adjuvants during desflurane (I-653) and isoflurane anesthesia in swine. Weiskopf RB, et al. **Anesth Analg** 1990 Aug;71(2):144–8

Bupivacaine toxicity in young pigs is age-dependent and is affected by volatile anesthetics. Badgwell JM, et al. **Anesthesiology** 1990 Aug;73(2):297–303

Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90

ISOMERASES

Repeatedly passed FRTL-5 rat thyroid cells can develop insulin and insulin-like growth factor-I-sensitive cyclooxygenase and prostaglandin E2 isomerase-like activities together with altered basal and thyrotropin-responsive thymidine incorporation into DNA. Bellur S, et al. **Endocrinology** 1990 Sep; 127(3):1526–40

Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Dupont E, et al. **Endocrinology** 1990 Sep;127(3):1394–403

ISONIAZID

Reversal of prolonged isoniazid-induced coma by pyridoxine. Brent J, et al. **Arch Intern Med** 1990 Aug;150(8):1751–3

Testing for isoniazid. An evaluation of the Arkansas method. Schraufnagel DE, et al. **Chest** 1990 Aug;98(2):314–6

Failure of tuberculosis chemotherapy in a human immunodeficiency virus-infected patient [letter] Dylewski J, et al. **J Infect Dis** 1990 Sep;162(3):778–9

ISOPROTERENOL

Comparison of hypersensitivity to adrenergic stimulation after abrupt withdrawal of propranolol and nadolol: influence of half-life differences. Krukemyer JJ, et al. **Am Heart J** 1990 Sep;120(3):572–9

ISOQUINOLINES

Genotyping of poor metabolisers of debrisoquine by allele-specific PCR amplification. Heim M, et al. **Lancet** 1990 Sep 1;336(8714):529–32

ISOSORBIDE DINITRATE

Nifedipine and isosorbide dinitrate alone and in combination for patients with chronic stable angina: a double-blind crossover study. Vlay SC, et al. **Am Heart J** 1990 Aug; 120(2):303–7

JAKOB-CREUTZFELDT SYNDROME

Creutzfeldt-Jakob disease [letter] Gasser G. **BMJ** 1990 Jun 9;300(6738):1523

Creutzfeldt-Jakob disease [letter] Harries-Jones R. **BMJ** 1990 Jul 7;301(6742):46

Mutation in codon 200 of scrapie amyloid protein gene in two clusters of Creutzfeldt-Jakob disease in Slovakia [letter] Goldfarb LG, et al. **Lancet** 1990 Aug 25; 336(8713):514–5

JAUNDICE

Fluconazole-induced jaundice [letter] Franklin IM, et al. **Lancet** 1990 Sep 1;336(8714):565

JAUNDICE, NEONATAL

Use of peripheral vessels for exchange transfusion. Fok TF, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):676–8

Behavioral changes correlated with brain-stem auditory evoked responses in term infants with moderate hyperbilirubinemia. Vohr BR, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):288–91

Zinc protoporphyrin administration for suppression of increased bilirubin production by iatrogenic hemolysis in rhesus neonates. Vreman HJ, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):292–7

JEJUNAL DISEASES

Relation between flow-pressure-diameter studies in experimental stenosis of rabbit and human small bowel. Morel P, et al. **Gut** 1990 Aug;31(8):875–8

JEJUNAL NEOPLASMS

Primary adenocarcinoma of the jejunum and ileum: clinicopathological review of 25 cases. Lioe TF, et al. **J Clin Pathol** 1990 Jul;43(7):533–6

JEJUNUM

Small bowel enema in non-responsive coeliac disease. Mike N, et al. **Gut** 1990 Aug;31(8):883–5

Relation between flow-pressure-diameter studies in experimental stenosis of rabbit and human small bowel. Morel P, et al. **Gut** 1990 Aug;31(8):875–8

Jejunal bacterial overgrowth and intestinal permeability in children with immunodeficiency syndromes. Pignata C, et al. **Gut** 1990 Aug;31(8):879–82

Small-bowel origin of the signal for meal-induced jejunal absorption. Bastidas JA, et al. **Surgery** 1990 Aug; 108(2):376–83

Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Evers BM, et al. **Surgery** 1990 Aug;108(2):248–52; discussion 252–3

JEWS

Trend of cervical cancer in Jewish women [letter] Ben Baruch G, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):703–4

JOB SATISFACTION

Influence of job characteristics and organizational commitment on job satisfaction of hospital foodservice employees. Sneed J, et al. **J Am Diet Assoc** 1990 Aug; 90(8):1072–6

The nursing shortage: dynamics and solutions. Satisfaction and fulfillment. Ferguson V. **Nurs Clin North Am** 1990 Sep;25(3):615–6

JOINT DISEASES

Computed tomography of the sacroiliac joints in four patients with Behçet's syndrome—confirmation of sacroiliitis. Olivieri I, et al. **Br J Rheumatol** 1990 Aug;29(4):264–7

Synovial fluid tests. What should be ordered? Shmerling RH, et al. **JAMA** 1990 Aug 22–29;264(8):1009–14

Imaging of joints. **Radiol Clin North Am** 1990 Sep; 28(5):905–1138

Advanced pediatric joint imaging. Kleinman PK, et al. **Radiol Clin North Am** 1990 Sep;28(5):1073–109 (71 ref.)

JOINT INSTABILITY

Pulled elbow and hypermobility of joints. Amir D, et al. **Clin Orthop** 1990 Aug;(257):94–9
Static or dynamic repair of chronic lateral ankle instability. A prospective randomized study. Larsen E. **Clin Orthop** 1990 Aug;(257):184–92
Transfer of the trapezius for flail shoulder after brachial plexus injury. Aziz W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):701–4
The diagnostic value of arthroscopy in glenohumeral instability. Mok DW, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):698–700

JOINT PROSTHESIS

Unconstrained shoulder arthroplasty. A five-year average follow-up study. Weiss AP, et al. **Clin Orthop** 1990 Aug; (257):86–90
Complications of heparin therapy after total joint arthroplasty [letter] Wilson MG, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1114
The Roper-Day total shoulder replacement. Roper BA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):694–7
Bony ankylosis of the temporomandibular joint: case report of a child treated with delrin condylar implants. Westermark AH, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):861–5

JUGULAR VEINS

Vein graft permeability [letter] Kennedy JH, et al. **Ann Thorac Surg** 1990 Aug;50(2):334

JURISPRUDENCE

Surrogate parenting contracts [letter] Wettstein RM. **Am J Obstet Gynecol** 1990 Aug;163(2):679–80

KAINIC ACID

Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288–92

KAPOSI'S VARICELLIFORM ERUPTION

Kaposi's varicelliform eruption. Absence of ocular involvement. Fivenson DP, et al. **Arch Dermatol** 1990 Aug; 126(8):1037–9 (11 ref.)

KARYOTYPING

Perinatal characteristics of the phenotypically and chromosomally abnormal live-born. Treadwell MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):378–80

KERATINOCYTES

Characterization of cellular elements in healed cultured keratinocyte autografts used to cover burn wounds [letter] Phillips TJ, et al. **Arch Dermatol** 1990 Aug;126(8):1104–5

KERATITIS

Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. Oldenburg JB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1142–4
Isolation of a microsporidian from a human patient. Shadduck JA, et al. **J Infect Dis** 1990 Sep;162(3):773–6

KERATITIS, DENDRITIC

Kaposi's varicelliform eruption. Absence of ocular involvement. Fivenson DP, et al. **Arch Dermatol** 1990 Aug; 126(8):1037–9 (11 ref.)

KERATOPLASTY, PENETRATING

The results of penetrating keratoplasty for pellucid marginal corneal degeneration. Varley GA, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):149–52

KETAMINE

Ketamine by continuous infusion for sedation in the pediatric intensive care unit. Tobias JD, et al. **Crit Care Med** 1990 Aug;18(8):819–21

KETO ACIDS

High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Crowell PL, et al. **Am J Clin Nutr** 1990 Aug; 52(2):313–9

KETOCONAZOLE

Efficacy of ketoconazole against Leishmania braziliensis panamensis cutaneous leishmaniasis. Saenz RE, et al. **Am J Med** 1990 Aug;89(2):147–55
Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Kramer MR, et al. **Ann Intern Med** 1990 Aug 15;113(4):327–9
Sclerosing mediastinitis: improved management with histoplasmosis titer and ketoconazole. Urschel HC Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):215–21
Skin surface electron microscopy in Pityrosporum folliculitis. The role of follicular occlusion in disease and the response to oral ketoconazole. Hill MK, et al. **Arch Dermatol** 1990 Aug;126(8):1071–4
Ketoconazole therapy for women with acne and/or hirsutism. Venturoli S, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):335–9

KETONE OXIDOREDUCTASES

High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Crowell PL, et al. **Am J Clin Nutr** 1990 Aug; 52(2):313–9

KETOTIFEN

Ketotifen for long-term control of asthma in children [letter] Kerrebijn KF. **J Allergy Clin Immunol** 1990 Aug; 86(2):274–5

KIDNEY

Renal tissue within the adrenal gland simulating an adrenal mass [letter] Barr RG, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):656
The thickness of the renal parenchyma decreases with age: a CT study of 360 patients. Gourtsoyiannis N, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):541–4
Renal pathology in owl monkeys in Plasmodium falciparum vaccine trials. Iseki M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):130–8
Ibuprofen and renal disease [letter] Furey SA. **Ann Intern Med** 1990 Sep 15;113(6):481–2
Renal functional reserve compared in haemolytic uraemic syndrome and single kidney. Perelstein EM, et al. **Arch Dis Child** 1990 Jul;65(7):728–31
Nephrotoxicity after ifosfamide. Skinner R, et al. **Arch Dis Child** 1990 Jul;65(7):732–8
Renographic monitoring of renal function in patients with Crohn's disease treated with low dose cyclosporin: a controlled study. Brynskov J, et al. **BMJ** 1990 Jun 2; 300(6737):1438–9
Prolonged recovery of renal function after prostatectomy for prostatic outflow obstruction. Ghose RR. **BMJ** 1990 May 26;300(6736):1376–7
Comparison of 99Tcm dimercaptosuccinic acid scans and intravenous urography in children. Whitear P, et al. **Br J Radiol** 1990 Jun;63(750):438–43
Prospective study of the value of ultrasound measurements in the diagnosis of acute rejection following renal transplantation. Nicholson ML, et al. **Br J Surg** 1990 Jun; 77(6):656–8
Beckwith-Wiedemann syndrome. Renal pathology at 4 months of age. Ponte P, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):393–7
Reversal of glomerular hyperfiltration and renal hypertrophy by blood glucose normalization in diabetic rats. Stackhouse S, et al. **Diabetes** 1990 Aug;39(8):989–95
Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310–8
Abnormal parathyroid hormone-related peptide stimulation of renal 25-hydroxyvitamin D-1-hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Nesbitt T, et al. **Endocrinology** 1990 Aug;127(2):843–8
The effect of protein on renal function in cirrhosis. Sweeting J. **Gastroenterology** 1990 Sep;99(3):895
Acute metabolic acidosis enhances circulating parathyroid hormone, which contributes to the renal response against acidosis in the rat. Bichara M, et al. **J Clin Invest** 1990 Aug;86(2):430–43
Light and electron microscopic demonstration of immune deposits in renal tissue [letter] McKinnon AD, et al. **J Clin Pathol** 1990 Jun;43(6):520
Studies of cobalamin as a vehicle for the renal excretion of cyanide anion. Williams HL, et al. **J Lab Clin Med** 1990 Jul;116(1):37–44
Minicore needle biopsy of kidney transplants: a safer sampling method. Belitsky P, et al. **J Urol** 1990 Aug;144(2 Pt 1):310–1
Evaluation of fetal renal function: unreliability of fetal urinary electrolytes. Elder JS, et al. **J Urol** 1990 Aug;144(2 Pt 2):574–8; discussion 593–4
The effect of protein intake on the lifelong changes in renal function of rats with a solitary kidney damaged at young age. Provoost AP, et al. **J Urol** 1990 Aug;144(2 Pt 2):567–73; discussion 593–4
Cystic dilatations within the pelvis in patients with ipsilateral renal agenesis or dysplasia. Sheih CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):324–7
Experimental ureteral obstruction in the fetal opossum. I. Renal functional assessment. Steinhardt G, et al. **J Urol** 1990 Aug;144(2 Pt 2):564–6; discussion 593–4
High resolution single photon emission computerized tomography (SPECT) 99mtechnetium-dimercapto-succinic acid renal imaging: a state of the art technique. Tarkington MA, et al. **J Urol** 1990 Aug;144(2 Pt 2):598–600; discussion 606
Computerized tomography in acute pyelonephritis: the clinical correlations. Tsugaya M, et al. **J Urol** 1990 Sep; 144(3):611–3
Thin-membrane nephropathy—how thin is thin? **Lancet** 1990 Aug 25;336(8713):469–70 (12 ref.)
Preliminary report: renal thromboxane A2 synthesis in children with frequent relapsing nephrotic syndrome. Benigni A, et al. **Lancet** 1990 Sep 1;336(8714):533–4
Treatment of intractable chyluria by stripping of the kidneys [letter] Pool MO, et al. **N Engl J Med** 1990 Aug 23; 323(8):552–3
Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Martínez M. **Neurology** 1990 Aug;40(8):1292–8
Renal functional response to dopamine during and after arteriography in patients with chronic renal insufficiency. Hans B, et al. **Radiology** 1990 Sep;176(3):651–4
Renal masses: characterization with Doppler US. Kier R, et al. **Radiology** 1990 Sep;176(3):703–7
Percutaneous pediatric renal biopsy: use of the biopsy gun [see comments] Poster RB, et al. **Radiology** 1990 Sep; 176(3):725–7. Comment in: Radiology 1990 Sep;176(3):615–6.
Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system. O'Neill P, et al. **Surgery** 1990 Aug;108(2):356–62

KIDNEY CALCULI

Re: Approaches to the superior calix: renal displacement technique and review of options [letter] Barth KH. **J Urol** 1990 Sep;144(3):749
Clinical effects of prophylactic dietary treatment on renal stones. Iguchi M, et al. **J Urol** 1990 Aug;144(2 Pt 1):229–32
The effect of extracorporeal shock wave lithotripsy on the microbiological flora of urinary calculi. Stoller ML, et al. **J Urol** 1990 Sep;144(3):619–21
Experience with the Dornier HM4 and MPL 9000 lithotriptors in urinary stone treatment. Tailly GG. **J Urol** 1990 Sep;144(3):622–7
Primary hyperparathyroidism in patients with renal stones. Sedlack JD, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):206–8

KIDNEY CORTEX

Renal cortical scintigraphy and single proton emission computerized tomography (SPECT) in the assessment of renal defects in children. Joseph DB, et al. **J Urol** 1990 Aug;144(2 Pt 2):595–7; discussion 606

KIDNEY, CYSTIC

Flow cytometric evaluation of multicystic dysplastic kidneys. Jung WH, et al. **J Urol** 1990 Aug;144(2 Pt 2):413–5; discussion 422
Acquired cystic kidney disease: occurrence, prevalence, and renal cancers. Matson MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):217–26

KIDNEY DISEASES

Imaging of chronic renal infections. Kenney PJ. **AJR Am J Roentgenol** 1990 Sep;155(3):485–94 (40 ref.)
The effect of impaired renal function on the pharmacokinetics of metoprolol after single administration of a 14/190 metoprolol OROS system. Lloyd P, et al. **Am Heart J** 1990 Aug;120(2):478–82
Division of the left renal vein during aortic surgery. Calligaro KD, et al. **Am J Surg** 1990 Aug;160(2):192–6
Renal pathology in owl monkeys in Plasmodium falciparum vaccine trials. Iseki M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):130–8
Unreliable effect of nifedipine in relieving renal colic [letter] Lheureux P, et al. **Ann Emerg Med** 1990 Jul;19(7):841–2
Prevention of foscarnet nephrotoxicity [letter] Deray G, et al. **Ann Intern Med** 1990 Aug 15;113(4):332
Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Kramer MR, et al. **Ann Intern Med** 1990 Aug 15;113(4):327–9
Nephrotoxicity after ifosfamide. Skinner R, et al. **Arch Dis Child** 1990 Jul;65(7):732–8
Frequency of light chain deposition nephropathy relative to renal amyloidosis and Bence Jones cast nephropathy in a necropsy study of patients with myeloma. Iványi B. **Arch Pathol Lab Med** 1990 Sep;114(9):986–7
Comparison of 99Tcm dimercaptosuccinic acid scans and intravenous urography in children. Whitear P, et al. **Br J Radiol** 1990 Jun;63(750):438–43
Amelioration of proximal renal tubular dysfunction in type I glycogen storage disease with dietary therapy. Chen YT, et al. **N Engl J Med** 1990 Aug 30;323(9):590–3
Swallowing dysfunction in nephropathic cystinosis. Sonies BC, et al. **N Engl J Med** 1990 Aug 30;323(9):565–70
Percutaneous pediatric renal biopsy: use of the biopsy gun [see comments] Poster RB, et al. **Radiology** 1990 Sep; 176(3):725–7. Comment in: Radiology 1990 Sep;176(3):615–6.

KIDNEY FAILURE, ACUTE

Hemorrhagic fever with renal syndrome imported to Hawaii from West Germany. Bruno P, et al. **Am J Med** 1990 Aug; 89(2):232–4

Outcome of renal crisis in systemic sclerosis: relation to availability of angiotensin converting enzyme (ACE) inhibitors. Steen VD, et al. **Ann Intern Med** 1990 Sep 1; 113(5):352–7

Renal failure in multiple myeloma. Pathogenesis and prognostic implications. Alexanian R, et al. **Arch Intern Med** 1990 Aug;150(8):1693–5

Prophylaxis of acute renal failure in traumatic rhabdomyolysis [letter] Noji EK. **N Engl J Med** 1990 Aug 23;323(8):550–1

Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin–angiotensin system. O'Neill P, et al. **Surgery** 1990 Aug;108(2):356–62

KIDNEY FAILURE, CHRONIC

Radiological case of the month. Basal ganglia injury after cardiopulmonary arrest: clinical and magnetic resonance imaging correlation. Jacobs MB, et al. **Am J Dis Child** 1990 Aug;144(8):937–8

Systemic lupus erythematosus: analysis of disease activity in 55 patients with end-stage renal failure treated with hemodialysis or continuous ambulatory peritoneal dialysis. Dutch Working Party on SLE. Nossent HC, et al. **Am J Med** 1990 Aug;89(2):169–74

Chronic renal disease and pregnancy outcome. Cunningham FG, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):453–9

Ibuprofen and renal disease [letter] Furey SA. **Ann Intern Med** 1990 Sep 15;113(6):481–2

Renal failure in multiple myeloma. Pathogenesis and prognostic implications. Alexanian R, et al. **Arch Intern Med** 1990 Aug;150(8):1693–5

25–Hydroxyvitamin D metabolism and its effect on calcitriol metabolism in experimental renal failure. Hsu CH, et al. **J Lab Clin Med** 1990 Jul;116(1):51–7

Effects of atrial natriuretic peptide versus mannitol on renal blood flow during radiocontrast infusion in chronic renal failure. Kurnik BR, et al. **J Lab Clin Med** 1990 Jul; 116(1):27–36

Acquired cystic kidney disease: occurrence, prevalence, and renal cancers. Matson MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):217–26

Renal functional response to dopamine during and after arteriography in patients with chronic renal insufficiency. Hans B, et al. **Radiology** 1990 Sep;176(3):651–4

KIDNEY GLOMERULUS

Glomerular structure and function in diabetic nephropathy. Early to advanced stages. Osterby R, et al. **Diabetes** 1990 Sep;39(9):1057–63

Reversal of glomerular hyperfiltration and renal hypertrophy by blood glucose normalization in diabetic rats. Stackhouse S, et al. **Diabetes** 1990 Aug;39(8):989–95

Incidence of thin membrane nephropathy: morphometric investigation of a population sample. Dische FE, et al. **J Clin Pathol** 1990 Jun;43(6):457–60

Mechanisms underlying the anti–inflammatory effects of essential fatty acid deficiency in experimental glomerulonephritis. Inhibited release of a monocyte chemoattractant by glomeruli. Rovin BH, et al. **J Immunol** 1990 Aug 15;145(4):1238–45

Thin–membrane nephropathy—how thin is thin? **Lancet** 1990 Aug 25;336(8713):469–70 (12 ref.)

Hepatitis–B–associated glomerulonephritis: pathology, pathogenesis, and clinical course. Venkataseshan VS, et al. **Medicine (Baltimore)** 1990 Jul;69(4):200–16

KIDNEY MEDULLA

Pyramidal appearance and resistive index: insensitive and nonspecific sonographic indicators of renal transplant rejection [see comments] Kelcz F, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):531–5. Comment in: AJR Am J Roentgenol 1990 Sep;155(3):536–7.

Stimulation of phosphoinositide hydrolysis in renal medulla by vasopressin. Garg LC, et al. **Endocrinology** 1990 Sep; 127(3):1022–7

Prompt inhibition of arginine vasopressin–induced cellular adenosine 3',5'–monophosphate production by extracellular sodium depletion in rat renal inner medullary collecting duct cells in culture. Ishikawa SE, et al. **Endocrinology** 1990 Aug;127(2):560–6

Enhancement of electrogenic Na+ transport across rat inner medullary collecting duct by glucocorticoid and by mineralocorticoid hormones. Husted RF, et al. **J Clin Invest** 1990 Aug;86(2):498–506

KIDNEY NEOPLASMS

Acridine orange flow cytometric analysis of renal cell carcinoma. Clinicopathologic implications of RNA content. el–Naggar AK, et al. **Am J Pathol** 1990 Aug; 137(2):275–80

Better survival after combined modality care for adults with Wilms' tumor. A report from the National Wilms' Tumor Study. Arrigo S, et al. **Cancer** 1990 Sep 1;66(5):827–30

Ifosfamide–induced renal tubular dysfunction and rickets in children with Wilms tumor. Burk CD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):331–5

Small cell carcinoma of the renal pelvis: a clinicopathological, morphological and immunohistochemical study of 2 cases. Essenfeld H, et al. **J Urol** 1990 Aug;144(2 Pt 1):344–7

Evaluation of the new tumor, nodes and metastases classification of renal cell carcinoma. Hermanek P, et al. **J Urol** 1990 Aug;144(2 Pt 1):238–41; discussion 241–2

The necessity of contralateral surgical exploration in Wilms tumor with modern noninvasive imaging technique: a reassessment. Koo AS, et al. **J Urol** 1990 Aug;144(2 Pt 2):416–7; discussion 422

Mechanisms and modulation of multidrug resistance in primary human renal cell carcinoma [see comments] Mickisch GH, et al. **J Urol** 1990 Sep;144(3):755–9. Comment in: J Urol 1990 Sep;144(3):754.

Re: Deoxyribonucleic acid content and medroxyprogesterone acetate treatment in metastatic renal cell carcinoma [letter] Neuwirth H, et al. **J Urol** 1990 Sep;144(3):749–50

In vivo effects of high energy shock waves on urological tumors: an evaluation of treatment modalities. Oosterhof GO, et al. **J Urol** 1990 Sep;144(3):785–9

Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin–2 or interleukin–2 plus lymphokine activated killer cells. Robertson CN, et al. **J Urol** 1990 Sep;144(3):614–7; discussion 617–8

Enlargement of regional lymph nodes in renal cell carcinoma is often not due to metastases. Studer UE, et al. **J Urol** 1990 Aug;144(2 Pt 1):243–5

Influence of nephrectomy on the growth of a murine Wilms tumor: a study using parabiotic rats. Trindade JC, et al. **J Urol** 1990 Aug;144(2 Pt 2):418–21; discussion 422

Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Graham D, et al. **Lancet** 1990 Sep 1;336(8714):574

Acquired cystic kidney disease: occurrence, prevalence, and renal cancers. Matson MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):217–26

Observations on the growth of renal neoplasms. Birnbaum BA, et al. **Radiology** 1990 Sep;176(3):695–701

Renal masses: characterization with Doppler US. Kier R, et al. **Radiology** 1990 Sep;176(3):703–7

KIDNEY PELVIS

Re: Approaches to the superior calix: renal displacement technique and review of options [letter] Barth KH. **J Urol** 1990 Sep;144(3):749

The importance of visualizing the ureter before performing a pyeloplasty. Cockrell SN, et al. **J Urol** 1990 Aug;144(2 Pt 2):588–92; discussion 593–4

Small cell carcinoma of the renal pelvis: a clinicopathological, morphological and immunohistochemical study of 2 cases. Essenfeld H, et al. **J Urol** 1990 Aug;144(2 Pt 1):344–7

KIDNEY, POLYCYSTIC

Possible locus for polycystic kidney disease on chromosome 2 [letter] Nørby S, et al. **Lancet** 1990 Aug 4;336(8710):323–4

Hepatic cysts in autosomal dominant polycystic kidney disease. Everson GT. **Mayo Clin Proc** 1990 Jul;65(7):1020–5 (16 ref.)

Hepatic cyst infection in autosomal dominant polycystic kidney disease. Telenti A, et al. **Mayo Clin Proc** 1990 Jul; 65(7):933–42 (31 ref.)

KIDNEY TRANSPLANTATION

Wishing won't make it so: duplex Doppler sonography in the evaluation of renal transplant dysfunction [comment] Grant EG, et al. **AJR Am J Roentgenol** 1990 Sep; 155(3):538–9. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):536–7.

Pyramidal appearance and resistive index: insensitive and nonspecific sonographic indicators of renal transplant rejection [see comments] Kelcz F, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):531–5. Comment in: AJR Am J Roentgenol 1990 Sep;155(3):536–7.

Use of Doppler imaging for evaluation of dysfunction in renal allografts [comment] Taylor KJ, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):536–7. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):531–5.

Prospective study of the value of ultrasound measurements in the diagnosis of acute rejection following renal transplantation. Nicholson ML, et al. **Br J Surg** 1990 Jun; 77(6):656–8

Minicore needle biopsy of kidney transplants: a safer sampling method. Belitsky P, et al. **J Urol** 1990 Aug;144(2 Pt 1):310–1

Eosinophilic cystitis in a renal allograft recipient. Horner SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):342–3

A comparison of 2 protocols for living–related renal transplantation in children: donor–specific transfusions versus cyclosporine. Leone MR, et al. **J Urol** 1990 Sep; 144(3):721–3

HLA matching enhances long–term renal graft survival but does not relate to acute rejection. Baltzan MA, et al. **Medicine (Baltimore)** 1990 Jul;69(4):227–31

Organs for transplantation: analysis of 27,000 cadaveric donor organs. Peters TG, et al. **South Med J** 1990 Aug; 83(8):889–92

Prolonged survival of nonhuman primate renal allograft recipients treated only with anti–CD4 monoclonal antibody. Cosimi AB, et al. **Surgery** 1990 Aug; 108(2):406–13; discussion 413–4

KIDNEY TUBULES

The unsuspected double collecting system on imaging studies and at cystoscopy. Share JC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):561–4

Prompt inhibition of arginine vasopressin–induced cellular adenosine 3',5'–monophosphate production by extracellular sodium depletion in rat renal inner medullary collecting duct cells in culture. Ishikawa SE, et al. **Endocrinology** 1990 Aug;127(2):560–6

Enhancement of electrogenic Na+ transport across rat inner medullary collecting duct by glucocorticoid and by mineralocorticoid hormones. Husted RF, et al. **J Clin Invest** 1990 Aug;86(2):498–506

KIDNEY TUBULES, PROXIMAL

Elicitation of sorbitol accumulation in cultured human proximal tubule cells by elevated glucose concentrations. Bylander JE, et al. **Diabetes** 1990 Aug;39(8):949–54

Abnormal parathyroid hormone–related peptide stimulation of renal 25–hydroxyvitamin D–1–hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Nesbitt T, et al. **Endocrinology** 1990 Aug;127(2):843–8

Amelioration of proximal renal tubular dysfunction in type I glycogen storage disease with dietary therapy. Chen YT, et al. **N Engl J Med** 1990 Aug 30;323(9):590–3

KILLER CELLS

Major depressive disorder, alcoholism, and reduced natural killer cell cytotoxicity. Role of severity of depressive symptoms and alcohol consumption. Irwin M, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):713–9

KILLER CELLS, LYMPHOKINE–ACTIVATED

Functional and phenotypic characteristics of recombinant interleukin–2 or T–cell growth factor–activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Ebihara T, et al. **Cancer** 1990 Sep 1;66(5):923–9

Long–term survival of adoptively transferred tumor–infiltrating lymphocytes in mice. Alexander RB, et al. **J Immunol** 1990 Sep 1;145(5):1615–20

Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin–2 or interleukin–2 plus lymphokine activated killer cells. Robertson CN, et al. **J Urol** 1990 Sep;144(3):614–7; discussion 617–8

KILLER CELLS, NATURAL

Cytotoxic events taking place in the lung of patients with HIV–1 infection. Evidence of an intrinsic defect of the major histocompatibility complex–unrestricted killing partially restored by the incubation with rIL–2. Agostini C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):516–22

Natural killer cells in the blood of patients with rheumatoid arthritis treated with azathioprine. Czeuz R, et al. **Br J Rheumatol** 1990 Aug;29(4):284–7

Impaired natural killer activity and expression of interleukin–2 receptor antigen in familial erythrophagocytic lymphohistiocytosis. Kataoka Y, et al. **Cancer** 1990 May 1;65(9):1937–41

NK1.1+ thymocytes. Adult murine CD4–, CD8– thymocytes contain an NK1.1+, CD3+, CD5hi, CD44hi, TCR–V beta 8+ subset. Ballas ZK, et al. **J Immunol** 1990 Aug 15;145(4):1039–45

Protein tyrosine phosphorylation and p56lck modification in IL–2 or phorbol ester–activated human natural killer cells. Einspahr KJ, et al. **J Immunol** 1990 Sep 1;145(5):1490–7

Growth factor–initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non–cytolysin cytotoxin in natural killer granules. Khalil N, et al. **J Immunol** 1990 Aug 15;145(4):1286–92

Transmembrane signaling during natural killer cell–mediated cytotoxicity. Regulation by protein kinase C activation. Leibson PJ, et al. **J Immunol** 1990 Sep 1;145(5):1498–504

Murine cytomegalovirus infection can enhance hybrid resistance through modulation of host natural killer activity. Muluk SC, et al. **J Immunol** 1990 Aug 15; 145(4):1113–9

Bovine natural killer–like cell responses against cell lines expressing recombinant bovine herpesvirus type 1 glycoproteins. Palmer LD, et al. **J Immunol** 1990 Aug 1; 145(3):1009–14

KININASE II

Bradykinin–induced contractions of canine prostate and bladder: effect of angiotensin–converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390–2

KLEBSIELLA INFECTIONS

Sequential virus infections, bacterial superinfections, and fibrogenesis. Jakab GJ. **Am Rev Respir Dis** 1990 Aug; 142(2):374–9

Antibacterial activity of four cephalosporins in an experimental infection in relation to in vitro effect and pharmacokinetics. Mattie H, et al. **J Infect Dis** 1990 Sep; 162(3):717–22

KLEBSIELLA PNEUMONIAE

Antibacterial activity of four cephalosporins in an experimental infection in relation to in vitro effect and pharmacokinetics. Mattie H, et al. **J Infect Dis** 1990 Sep; 162(3):717–22

KNEE INJURIES

Rationale and protocol for postoperative anterior cruciate ligament rehabilitation. Podesta L, et al. **Clin Orthop** 1990 Aug;(257):262–73 (94 ref.)

Partial versus complete acute anterior cruciate ligament tears. The results of nonoperative treatment. Barrack RL, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):622–4

Degenerative arthritis after intra-articular fractures of the knee. Long-term results. Volpin G, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):634–8

Imaging of the knee. Langer JE, et al. **Radiol Clin North Am** 1990 Sep;28(5):975–90 (64 ref.)

KNEE JOINT

Geniculate artery pseudoaneurysm: a rare complication of arthroscopic surgery [letter] Armato DP, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):659

Osteochondritis dissecans of the knee: value of MR imaging in determining lesion stability and the presence of articular cartilage defects. De Smet AA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):549–53

Total knee replacement: radiologic findings in failure of porous-coated metal-backed patellar component. Piraino D, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):555–8

The synovium-cartilage junction of the normal human knee. Implications for joint destruction and repair. Allard SA, et al. **Arthritis Rheum** 1990 Aug;33(8):1170–9

Simultaneous occurrence of calcium pyrophosphate dihydrate and basic calcium phosphate (hydroxyapatite) crystals in a knee. Halverson PB, et al. **Clin Orthop** 1990 Aug;(257):162–5

Synovial sarcoma of the knee: missed diagnosis despite biopsy and arthroscopic synovectomy. A case report. McLain R, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1092–4

Benign synovioma causing internal derangement of the knee. A report of nine cases. Dandy DJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):641–2

Intraosseous anchorage of the iliotibial band graft. Laupattarakasem W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):725

Anteroposterior radiographs of the osteoarthritic knee. Messieh SS, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):639–40

Use of serial casting in the management of knee joint contractures in an adolescent with cerebral palsy. Phillips WE, et al. **Phys Ther** 1990 Aug;70(8):521–3

Imaging of the knee. Langer JE, et al. **Radiol Clin North Am** 1990 Sep;28(5):975–90 (64 ref.)

Rheumatoid knee: role of gadopentetate-enhanced MR imaging. Kursunoglu-Brahme S, et al. **Radiology** 1990 Sep; 176(3):831–5

KNEE PROSTHESIS

Total knee replacement: radiologic findings in failure of porous-coated metal-backed patellar component. Piraino D, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):555–8

Vascular complication of knee arthroplasty under tourniquet. A case report. Hagan PF, et al. **Clin Orthop** 1990 Aug; (257):159–61

Prevention of venous thrombosis after total knee arthroplasty. Comparison of antithrombin III and low-dose heparin with dextran. Francis CW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):976–82

Perioperative blood loss associated with total knee arthroplasty. A comparison of procedures performed with and without cementing. Mylod AG Jr, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1010–2

Total knee arthroplasty with the kinematic prosthesis. Results after five to nine years: a follow-up note. Wright J, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1003–9

Orthopedic research and patient outcomes [letter] Mendenhall S. **JAMA** 1990 Aug 8;264(6):694

Total hip and total knee replacement (1). Harris WH, et al. **N Engl J Med** 1990 Sep 13;323(11):725–31 (76 ref.)

Current topics in the radiology of joint replacement surgery. Weissman BN. **Radiol Clin North Am** 1990 Sep; 28(5):1111–34 (115 ref.)

KNOWLEDGE, ATTITUDES, PRACTICE

What do school teachers know about asthma? Bevis M, et al. **Arch Dis Child** 1990 Jun;65(6):622–5

A survey of exposures, practices and recommendations of surgeons in the care of patients with human immunodeficiency virus. Mandelbrot DA, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):99–106

KUPFFER CELLS

Provocation of massive hepatic necrosis by endotoxin after partial hepatectomy in rats. Mochida S, et al. **Gastroenterology** 1990 Sep;99(3):771–7

Human Kupffer cells are cytotoxic against human colon adenocarcinoma. Roh MS, et al. **Surgery** 1990 Aug; 108(2):400–4; discussion 404–5

KYPHOSIS

Tuberculosis of the lumbosacral junction. Long-term follow-up of 26 cases. Pun WK, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):675–8

LABETALOL

Labetalol hepatotoxicity. Clark JA, et al. **Ann Intern Med** 1990 Aug 1;113(3):210–3

LABOR

The intrauterine sound environment of the human fetus during labor. Benzaquen S, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):484–90

Changes in active and latent collagenase in human placenta around the time of parturition. Rajabi MR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):499–505

Role of hormones in cervical ripening [letter] Sert MB. **Am J Obstet Gynecol** 1990 Aug;163(2):705–7

Ovarian relaxin is not essential for dilatation of cervix [letter] Eddie LW, et al. **Lancet** 1990 Jul 28;336(8709):243

Oxytocin in active-phase abnormalities of labor: a randomized study [letter] Saunders N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):475

A comparison of the ability of a sonographically measured biparietal diameter and the last menstrual period to predict the spontaneous onset of labor. Waldenström U, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):336–8

LABOR COMPLICATIONS

Safe motherhood: cesarean section or symphysiotomy? van Roosmalen J. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):1–4

Obstetric accidents [letter] **BMJ** 1990 Jun 23; 300(6740):1651–2

Obstetric accidents: a review of 64 cases. Ennis M, et al. **BMJ** 1990 May 26;300(6736):1365–7

Oxytocin in active-phase abnormalities of labor: a randomized study [letter] Saunders N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):475

LABOR, INDUCED

Induction of labor with mifepristone (RU 486) in intrauterine fetal death. Cabrol D, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):540–2

Topical prostaglandin E2 gel for cervical ripening and closure of the ductus arteriosus in the newborn. Sung RY, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):703–4

Controlled-release prostaglandin E2 pessary and cervical ripening [letter] **Lancet** 1990 Sep 1;336(8714):562

Controlled release prostaglandin E2 pessaries [letter] Baravilala WR, et al. **Lancet** 1990 Aug 18;336(8712):437

LABOR, PREMATURE

Secretion of phospholipases by bacterial pathogens may initiate preterm labor [letter] Bennett PR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):241–2

Histologic chorioamnionitis, microbial infection, and prematurity. Zlatnik FJ, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):355–9

LABOR PRESENTATION

Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33

LABORATORIES

Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the private sector. Shanks JM. **J Clin Pathol** 1990 Jul; 43(7):525–6

Stop restrictive rules on your office lab. Contact HCFA before August 20 [editorial] Griffin GC. **Postgrad Med** 1990 Aug;88(2):15–6

LABORATORIES, HOSPITAL

Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the university sector. Whitby LG, et al. **J Clin Pathol** 1990 Jun;43(6):441–4

LABYRINTH

A comparative study of the fallopian canal at the meatal foramen and labyrinthine segment in young children and adults. Eicher SA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1030–5

LACRIMAL APPARATUS

Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Bartley GB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1074

Endonasal laser dacryocystorhinostomy. A new approach to nasolacrimal duct obstruction. Massaro BM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1172–6

The role of dacryocystography in the management of patients with epiphora. Nixon J, et al. **Br J Radiol** 1990 May; 63(749):337–9

LACRIMAL APPARATUS DISEASES

A spindle-cell myoepithelioma of the lacrimal gland. Heathcote JG, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1135–9

The role of dacryocystography in the management of patients with epiphora. Nixon J, et al. **Br J Radiol** 1990 May; 63(749):337–9

LACRIMAL DUCT OBSTRUCTION

Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Bartley GB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1074

Endonasal laser dacryocystorhinostomy. A new approach to nasolacrimal duct obstruction. Massaro BM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1172–6

LACTATES

Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. Moore JW, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):808–12

Immunochemical analysis of pyruvate dehydrogenase complex in 2 boys with primary lactic acidemia. Kitano A, et al. **Neurology** 1990 Aug;40(8):1312–4

LACTATION

Maternal and fetal responses to the stresses of lactation concurrent with pregnancy and of short recuperative intervals. Merchant K, et al. **Am J Clin Nutr** 1990 Aug; 52(2):280–8

Energy cost of physical activity throughout pregnancy and the first year postpartum in Dutch women with sedentary lifestyles. van Raaij JM, et al. **Am J Clin Nutr** 1990 Aug; 52(2):234–9

Lactation inhibition by a single injection of a new depot-bromocriptine. Kremer JA, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):527–32

Hypercalcemia in a calcitriol-treated hypoparathyroid woman during lactation. Caplan RH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):485–9

LACTOGLOBULINS

Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. Klockars M, et al. **Br J Rheumatol** 1990 Aug;29(4):318–9

LACTONES

The action of bryostatin on normal human hematopoietic progenitors is mediated by accessory cell release of growth factors. Sharkis SJ, et al. **Blood** 1990 Aug 15;76(4):716–20

LACTOSE

Effect of lactose on mineral absorption in preterm infants. Wirth FH Jr, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):283–7

LACTOSE INTOLERANCE

Abstinence from smoking and expired-air carbon monoxide levels: lactose intolerance as a possible source of error [see comments] McNeill AD, et al. **Am J Public Health** 1990 Sep;80(9):1114–5. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.

LANGERHANS CELLS

Epidermal Langerhans' cell densities influence survival in mycosis fungoides and Sézary syndrome. Meissner K, et al. **Cancer** 1990 May 1;65(9):2069–73

LANGUAGE

Intercultural communication in assessing dietary habits: Liberia as an example. Jarosz LA. **J Am Diet Assoc** 1990 Aug;90(8):1094–8

Otitis media in infancy and intellectual ability, school achievement, speech, and language at age 7 years. Greater Boston Otitis Media Study Group. Teele DW, et al. **J Infect Dis** 1990 Sep;162(3):685–94

LANGUAGE DEVELOPMENT DISORDERS

Cornelia de Lange syndrome. Otolaryngologic manifestations. Sataloff RT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1044–6

LANTHANUM

Differences in the actions of calcium versus lanthanum to influence parathyroid hormone release. Fitzpatrick LA. **Endocrinology** 1990 Aug;127(2):711–5

LAPAROTOMY

Choice of incision and pain following gallbladder surgery. Armstrong PJ, et al. **Br J Surg** 1990 Jul;77(7):746–8

LARVA MIGRANS

Lesions on the feet of a scuba diver. Cutaneous larva migrans. Scheiner RB, et al. **Arch Dermatol** 1990 Aug;126(8):1092, 1095–6

Transmission of toxocariasis [letter] Stürchler D, et al. **J Infect Dis** 1990 Aug;162(2):571

LARVA MIGRANS, VISCERAL

Transmission of toxocariasis [letter] Stürchler D, et al. **J Infect Dis** 1990 Aug;162(2):571

LARYNGEAL CARTILAGES

Bimanual cricoid pressure [letter] Crowley DS, et al. **Anaesthesia** 1990 Jul;45(7):588–9

Extraluminal arytenoid reconstruction: laryngeal framework surgery applied to a pediatric problem. Isaacson G. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):616–20

Chondrolaryngoplasty for appearance. Wolfort FG, et al. **Plast Reconstr Surg** 1990 Sep;86(3):464–9; discussion 470

LARYNGEAL DISEASES

Melanosis of the larynx. Har-El G, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):640–2 (9 ref.)

Aryepiglottic fold excision for the treatment of severe laryngomalacia. Polonovski JM, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):625–7

Contact ulcers of the larynx. A reacquaintance with the pathology of an often underdiagnosed entity. Wenig BM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):825–8

LARYNGEAL NEOPLASMS

Early supraglottic cancer. DeSanto LW. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):593–7

A critical look at the TNM classification for laryngeal carcinoma. Karim AB, et al. **Cancer** 1990 May 1; 65(9):1918–22

Flow cytometric analysis of DNA content in laryngeal cancer. Feinmesser R, et al. **J Laryngol Otol** 1990 Jun; 104(6):485–7

LARYNGEAL NERVES

Ultrastructural changes with age in the human superior laryngeal nerve. Mortelliti AJ, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1062–9 (73 ref.)

Sarcoidosis as a cause of left recurrent laryngeal nerve palsy. Tobias JK, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):971–2

Systemic lupus erythematosus and right recurrent laryngeal nerve palsy. Gordon T, et al. **Br J Rheumatol** 1990 Aug; 29(4):308–9

LARYNGECTOMY

Medical complications in total laryngectomy: incidence and risk factors. Arriaga MA, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):611–5

Prophylactic antibiotics and post-laryngectomy fistulae [letter] Hussain A, et al. **J Laryngol Otol** 1990 Jul;104(7):591

LARYNGOSCOPY

A controllable suctioning laryngoscope [letter] Khan AK. **Anesth Analg** 1990 Aug;71(2):200

A modified tubular pharyngolaryngoscope for difficult pediatric laryngoscopy [letter] Diaz JH, et al. **Anesthesiology** 1990 Aug;73(2):357–8

LARYNGOSTENOSIS

Surgical treatment for laryngotracheal stenosis in the pediatric patient. Narcy P, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1047–50

LARYNX

Kinking of the laryngeal mask airway in two children [letter] Goldberg PL, et al. **Anaesthesia** 1990 Jun;45(6):487–8

An unusual complication of tracheal intubation. Gray B, et al. **Anaesthesia** 1990 Jul;45(7):558–60

LASER SURGERY

Sapphire probes in obstetric laser surgery [letter] Corson SL. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):246–7

Fluid cooling of artificial sapphire tips of laser [letter] Loffer FD. **Am J Obstet Gynecol** 1990 Aug;163(2):681

Hyperbaric oxygen therapy for air embolism complicating operative hysteroscopy [letter] Tur-Kaspa I. **Am J Obstet Gynecol** 1990 Aug;163(2):680–1

Ab interno laser sclerostomy in aphakic patients with glaucoma and chronic inflammation. Wilson RP, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):178–84

Initial results and subsequent outcome of laser thermal-assisted balloon angioplasty of 56 consecutive femoropopliteal lesions. Feinberg RL, et al. **Am J Surg** 1990 Aug;160(2):166–9; discussion 169–70

Incendiary potential of the flash-lamp pumped 585-nm tunable dye laser. Epstein RH, et al. **Anesth Analg** 1990 Aug;71(2):171–5

Endoscopic laryngeal surgery for bilateral midline vocal cord obstruction. Rontal M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):605–10

Effect of sulcus vs capsular fixation on YAG-induced pressure rises following posterior capsulotomy. Gimbel HV, et al. **Arch Ophthalmol** 1990 Aug;108(8):1126–9

Endonasal laser dacryocystorhinostomy. A new approach to nasolacrimal duct obstruction. Massaro BM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1172–6

Experimental use of semiconductor diode laser in contact transscleral cyclophotocoagulation in rabbits. Schuman JS, et al. **Arch Ophthalmol** 1990 Aug;108(8):1152–7

Use of the argon laser in the treatment of malleus fixation. Sands CJ, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):975–6

Initial trial of argon ion laser endarterectomy for peripheral vascular disease. Eugene J, et al. **Arch Surg** 1990 Aug; 125(8):1007–10; discussion 1010–1

Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chan AL, et al. **Chest** 1990 Aug;98(2):271–5

Coronary excimer laser angioplasty: reduced complications and indium-111 platelet accumulation compared with thermal laser angioplasty. Sanborn TA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):502–6

Percutaneous coronary laser balloon angioplasty: initial results of a multicenter experience. Spears JR, et al. **J Am Coll Cardiol** 1990 Aug;16(2):293–303

Percutaneous coronary angioplasty with mid-infrared laser and a new multifibre catheter [letter] Geschwind HJ, et al. **Lancet** 1990 Jul 28;336(8709):245–6

Laser technology. **Nurs Clin North Am** 1990 Sep; 25(3):617–738

The basics of laser technology. Ball KA. **Nurs Clin North Am** 1990 Sep;25(3):619–34 (12 ref.)

Lasers in vascular surgery. Beal K, et al. **Nurs Clin North Am** 1990 Sep;25(3):711–8 (12 ref.)

Lasers in gynecology. Edwards J. **Nurs Clin North Am** 1990 Sep;25(3):673–84 (1 ref.)

Lasers in dermatology. Hartwig PA. **Nurs Clin North Am** 1990 Sep;25(3):657–66 (10 ref.)

Lasers in urology. Mackety CJ. **Nurs Clin North Am** 1990 Sep;25(3):697–709 (8 ref.)

Lasers in ophthalmology. Nowell P. **Nurs Clin North Am** 1990 Sep;25(3):635–43 (12 ref.)

Lasers in podiatry and orthopedics. Pyrcz RA, et al. **Nurs Clin North Am** 1990 Sep;25(3):719–23

Lasers in gastroenterology. Ragan JA. **Nurs Clin North Am** 1990 Sep;25(3):685–96 (10 ref.)

Lasers in general surgery. Richards K. **Nurs Clin North Am** 1990 Sep;25(3):667–71 (8 ref.)

Lasers in otolaryngology. Smalley PJ. **Nurs Clin North Am** 1990 Sep;25(3):645–56 (14 ref.)

Superficial laser vulvectomy. IV. Extended laser vaporization and adjunctive 5-fluorouracil therapy of human papillomavirus-associated vulvar disease. Reid R, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):439–48

LASERS

Laser technology. **Nurs Clin North Am** 1990 Sep; 25(3):617–738

The basics of laser technology. Ball KA. **Nurs Clin North Am** 1990 Sep;25(3):619–34 (12 ref.)

Lasers in photodynamic therapy. McCaughan L. **Nurs Clin North Am** 1990 Sep;25(3):725–38 (25 ref.)

LATERALITY

Laterality of performance in fingertapping rate and grip strength by hemisphere of stroke and gender. Robinson LM, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):695–8

Perceptual and premotor factors of unilateral neglect. Bisiach E, et al. **Neurology** 1990 Aug;40(8):1278–81

LATEX

Latex as aeroallergen [letter] Lagier F, et al. **Lancet** 1990 Aug 25;336(8713):516–7

LEAD

Immobilization-related lead toxicity in previously lead-poisoned children. Markowitz ME, et al. **Pediatrics** 1990 Sep;86(3):455–7

Blood lead levels of 4–11-year-old Mexican American, Puerto Rican, and Cuban children. Carter-Pokras O, et al. **Public Health Rep** 1990 Jul-Aug;105(4):388–93

LEAD POISONING

Immobilization-related lead toxicity in previously lead-poisoned children. Markowitz ME, et al. **Pediatrics** 1990 Sep;86(3):455–7

LEADERSHIP

The nursing shortage: dynamics and solutions. A new decade of leadership. From vision to reality. Ryan SA. **Nurs Clin North Am** 1990 Sep;25(3):597–604

LEARNING

Assessing learning-style inventories and how well they predict academic performance. Leiden LI, et al. **Acad Med** 1990 Jun;65(6):395–401

LEARNING DISORDERS

Relationship of head circumference to measures of school performance. Desch LW, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):389–92

Examining high-risk children for learning problems in the health care setting. Blackman JA, et al. **Pediatrics** 1990 Sep;86(3):398–404

LECITHIN ACYLTRANSFERASE

LCAT activity as a prognostic liver function test [letter] Horton RC, et al. **Lancet** 1990 Jul 28;336(8709):249–50

LECTINS

Association of serum antibodies to adherence lectin with invasive amebiasis and asymptomatic infection with pathogenic Entamoeba histolytica. Ravdin JI, et al. **J Infect Dis** 1990 Sep;162(3):768–72

Antibodies to cerebellar soluble lectin in multiple sclerosis [letter] Hughes RA. **Lancet** 1990 Aug 18;336(8712):438–9

LEG

Evaluation of accuracy and reliability of calipers for measuring recumbent knee height in elderly people. Cockram DB, et al. **Am J Clin Nutr** 1990 Aug; 52(2):397–400

Effect of a failed distal reconstruction on the level of amputation. Evans WE, et al. **Am J Surg** 1990 Aug; 160(2):217–20

Cannulation of the posterior tibial artery [letter] Rawle P. **Anaesthesia** 1990 Jul;45(7):589–90

Diffuse angiomatosis of the extremities presenting as a sarcoma. Allenby PA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):987–90

Anatomical aspects of the blood supply to the skin of the posterior calf: technique of below-knee amputation. Gray DW, et al. **Br J Surg** 1990 Jun;77(6):662–4

Emergency arterial reconstruction for acute ischaemia. Hickey NC, et al. **Br J Surg** 1990 Jun;77(6):680–1

Axillofemoral bypass as a limb salvage procedure in high risk patients with aortoiliac disease. Naylor AR, et al. **Br J Surg** 1990 Jun;77(6):659–61

Hyperthermic isolated perfusion with melphalan in the treatment of advanced malignant melanoma of the lower limb. Skene AI, et al. **Br J Surg** 1990 Jul;77(7):765–7

Tissue expansion in the lower limbs of children and young adults. Cole WG, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):578–80

Preparation of the calcified tibial artery for bypass grafting. White JV, et al. **Surg Gynecol Obstet** 1990 Aug; 171(2):165–6

LEG INJURIES

Role of routine arteriography in blunt lower-extremity trauma. Applebaum R, et al. **Am J Surg** 1990 Aug; 160(2):221–4; discussion 224–5

Frequency of vascular injury with blunt trauma-induced extremity injury. Bunt TJ, et al. **Am J Surg** 1990 Aug; 160(2):226–8

High-voltage pulsed direct current: effect on edema formation after hyperflexion injury. Bettany JA, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):677–81

The Bath bike for walking rehabilitation. May PC, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):618–9

The orthopaedic scooter. An energy-saving aid for assisted ambulation. Roberts P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):620–1

LEG ULCER

L-carnitine for leg ulcers [letter] Harrell HL Jr. **Ann Intern Med** 1990 Sep 1;113(5):412

Oxpentifylline treatment of venous leg ulcers [letter] Bittiner SB. **BMJ** 1990 Jun 9;300(6738):1528

The dorsalis pedis myofascial flap. Ismail TI. **Plast Reconstr Surg** 1990 Sep;86(3):573–6; discussion 577–8

LEGIONELLOSIS

Microbiological investigations into an outbreak of Pontiac fever due to Legionella micdadei associated with use of a whirlpool. Fallon RJ, et al. **J Clin Pathol** 1990 Jun; 43(6):479–83
Legionella and fountains [letter] Schlech WF 3d. **Lancet** 1990 Sep 1;336(8714):576

LEGISLATION, DRUG

Policies on drugs in the new Europe [editorial] Smith T. **BMJ** 1990 Jun 9;300(6738):1476–7
Anti-motility drugs for infants [letter] **Lancet** 1990 Aug 4; 336(8710):314

LEGISLATION, MEDICAL

Human Fertilisation and Embryology Bill goes to report stage. Braude P, et al. **BMJ** 1990 Jun 2;300(6737):1410–2
Stop restrictive rules on your office lab. Contact HCFA before August 20 [editorial] Griffin GC. **Postgrad Med** 1990 Aug;88(2):15–6

LEIOMYOMA

Malignant leiomyomatosis peritonealis disseminata. Akkersdijk GJ, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):591–3
A complication of tumour of the oesophagus [letter] Banerjee A, et al. **Anaesthesia** 1990 Jun;45(6):494–5
Primary mediastinal leiomyoma. Shaffer K, et al. **Ann Thorac Surg** 1990 Aug;50(2):301–2
Treatment with GnRH agonists before myomectomy and the risk of short-term myoma recurrence. Fedele L, et al. **Br J Obstet Gynaecol** 1990 May;97(5):393–6
Ploidy of smooth muscle tumours: retrospective image analysis study of formalin fixed, paraffin wax embedded tissue. Dorman A, et al. **J Clin Pathol** 1990 Jun;43(6):465–8
Ileal hemorrhage caused by a parasitic uterine leiomyoma. Rader JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):531–4
The secretion of insulin-like growth factors I and II by explant cultures of fibroids and myometrium from women treated with a gonadotropin-releasing hormone agonist. Rein MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):388–94
Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Suginami H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):527–9
A large leiomyoma of the digit [letter] Vaughn TR, et al. **Plast Reconstr Surg** 1990 Sep;86(3):605–6

LEIOMYOSARCOMA

Ploidy of smooth muscle tumours: retrospective image analysis study of formalin fixed, paraffin wax embedded tissue. Dorman A, et al. **J Clin Pathol** 1990 Jun;43(6):465–8

LEISHMANIA

Recurrent lesions in human Leishmania braziliensis infection—reactivation or reinfection? Saravia NG, et al. **Lancet** 1990 Aug 18;336(8712):398–402

LEISHMANIA TROPICA

Development of Leishmania major in Phlebotomus duboscqi and Sergentomyia schwetzi (Diptera: Psychodidae). Lawyer PG, et al. **Am J Trop Med Hyg** 1990 Jul; 43(1):31–43

LEISHMANIASIS

Efficacy of ketoconazole against Leishmania braziliensis panamensis cutaneous leishmaniasis. Saenz RE, et al. **Am J Med** 1990 Aug;89(2):147–55
Sinefungin as treatment for American Leishmania in sensitive BALB/c and resistant C57BL/6 mice. Avila JL, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):139–45
Elevated cerebroside antibody levels in human visceral and cutaneous leishmaniasis, Trypanosoma rangeli infection, and chronic Chagas' disease. Avila JL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):52–60
Cutaneous leishmaniasis in French Guiana: a review. Dedet JP. **Am J Trop Med Hyg** 1990 Jul;43(1):25–8 (29 ref.)
Cutaneous leishmaniasis in Niger. Develoux M, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):29–30
Recurrent lesions in human Leishmania braziliensis infection—reactivation or reinfection? Saravia NG, et al. **Lancet** 1990 Aug 18;336(8712):398–402

LEISURE ACTIVITIES

Exercise in leisure time: coronary attack and death rates. Morris JN, et al. **Br Heart J** 1990 Jun;63(6):325–34

LENGTH OF STAY

Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9
Hospital care for the elderly in the final year of life: a population based study. Henderson J, et al. **BMJ** 1990 Jul 7;301(6742):17–9
Rapid sustained recovery after cardiac operations. Krohn BG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):194–7
Length of stay in the intensive care unit. Effects of practice guidelines and feedback. Eagle KA, et al. **JAMA** 1990 Aug 22–29;264(8):992–7

LENS, CRYSTALLINE

The state of differentiation of embryonic chicken lens cells determines insulin-like growth factor I internalization. Soler AP, et al. **Endocrinology** 1990 Aug;127(2):595–603
The human lens after 48 weeks of treatment with lovastatin [letter] Laties AM, et al. **N Engl J Med** 1990 Sep 6; 323(10):683–4

LENS DISEASES

Ophthalmomyiasis interna lentis. McLane NJ, et al. **South Med J** 1990 Aug;83(8):963–5 (209 ref.)

LENSES, INTRAOCULAR

An optical model to describe image contrast with bifocal intraocular lenses. Atebara NH, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):172–7

LEPROSY

Pterygium inversum unguis in a patient with leprosy [letter] Patki AH. **Arch Dermatol** 1990 Aug;126(8):1110

LEPROSY, LEPROMATOUS

Multiple Beau's lines due to recurrent erythema nodosum leprosum [letter] Patki AH. **Arch Dermatol** 1990 Aug; 126(8):1110–1

LEPTOSPIROSIS

Limulus lysate positivity and Herxheimer-like reactions in leptospirosis: a placebo-controlled study. Watt G, et al. **J Infect Dis** 1990 Aug;162(2):564–7

LEUCINE

Influence of glucagon on protein and leucine metabolism: a study in fasting man with induced insulin resistance. Pacy PJ, et al. **Br J Surg** 1990 Jul;77(7):791–4

LEUCOVORIN

Congenital folate malabsorption: reversible clinical and neurophysiologic abnormalities. Steinschneider M, et al. **Neurology** 1990 Aug;40(8):1315

LEUKEMIA

High-dose etoposide and cyclophosphamide without bone marrow transplantation for resistant hematologic malignancy. Brown RA, et al. **Blood** 1990 Aug 1; 76(3):473–9
Flow cytometric analysis of expression of interleukin-2 receptor beta chain (p70–75) on various leukemic cells. Hoshino S, et al. **Blood** 1990 Aug 15;76(4):767–74
Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS-1 cells. Tran-Paterson R, et al. **Blood** 1990 Aug 15; 76(4):775–82

LEUKEMIA, B-CELL, ACUTE

Minimal residual disease in childhood B-lineage lymphoblastic leukemia. Persistence of leukemic cells during the first 18 months of treatment. Yamada M, et al. **N Engl J Med** 1990 Aug 16;323(7):448–55

LEUKEMIA, B-CELL, CHRONIC

Prognostic subgroups in B-cell chronic lymphocytic leukemia defined by specific chromosomal abnormalities. Juliusson G, et al. **N Engl J Med** 1990 Sep 13;323(11):720–4

LEUKEMIA, ERYTHROBLASTIC, ACUTE

Identification of the pertussis toxin-sensitive G proteins in platelets, megakaryocytes, and human erythroleukemia cells. Williams AG, et al. **Blood** 1990 Aug 15;76(4):721–30
Localization of beta 1, beta 3, alpha 5, alpha v, and alpha IIb subunits of the integrin family in spreading human erythroleukemia cells. Ylänne J, et al. **Blood** 1990 Aug 1; 76(3):570–7

LEUKEMIA, EXPERIMENTAL

Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS-1 cells. Tran-Paterson R, et al. **Blood** 1990 Aug 15; 76(4):775–82

LEUKEMIA, LYMPHOCYTIC

Bone marrow transplantation: what is the question? [editorial] Chao NJ, et al. **Ann Intern Med** 1990 Sep 1;113(5):340–1

LEUKEMIA, LYMPHOCYTIC, ACUTE

Serum immunoglobulins to endotoxin core glycolipid: acute leukaemia and other cancers. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):771–3
Mixed-lineage leukemia revisited: acute lymphocytic leukemia with myeloperoxidase-positive blasts by electron microscopy. Kantarjian HM, et al. **Blood** 1990 Aug 15; 76(4):808–13
Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug resistance. Kuwazuru Y, et al. **Cancer** 1990 Sep 1; 66(5):868–73
High-dose chemotherapy and unpurged autologous bone marrow transplantation for acute leukemia in second or subsequent remission. Spinolo JA, et al. **Cancer** 1990 Aug 15;66(4):619–26
Acute lymphoblastic leukemia. An unusual case of primary relapse in the uterine cervix. Zutter MM, et al. **Cancer** 1990 Sep 1;66(5):1002–4
Antibodies to varicella-zoster virus glycoproteins I, II, and III in leukemic and healthy children. LaRussa PS, et al. **J Infect Dis** 1990 Sep;162(3):627–33
Acute lymphoblastic leukemia with eosinophilia. Fishel RS, et al. **Medicine (Baltimore)** 1990 Jul;69(4):232–43

LEUKEMIA, LYMPHOCYTIC, ACUTE, L1

Philadelphia chromosome positive childhood acute lymphoblastic leukemia: clinical and cytogenetic characteristics and treatment outcome. A Pediatric Oncology Group study. Crist W, et al. **Blood** 1990 Aug 1;76(3):489–94
Near-triploid and near-tetraploid acute lymphoblastic leukemia of childhood. Pui CH, et al. **Blood** 1990 Aug 1; 76(3):590–6
The coagulopathy of childhood leukemia. Thrombin activation or primary fibrinolysis? Abshire TC, et al. **Cancer** 1990 Aug 15;66(4):716–21
Osteoporosis after cranial irradiation for acute lymphoblastic leukemia. Gilsanz V, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):238–44
Bone pain as an initial symptom of childhood acute lymphoblastic leukemia: association with nearly normal hematologic indexes. Jonsson OG, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):233–7
Genetic variation in response to 6-mercaptopurine for childhood acute lymphoblastic leukaemia. Lennard L, et al. **Lancet** 1990 Jul 28;336(8709):225–9

LEUKEMIA, LYMPHOCYTIC, ACUTE, L2

Successful treatment of adult acute lymphoblastic leukemia after relapse with prednisone, intermediate-dose cytarabine, mitoxantrone, and etoposide (PAME) chemotherapy. Milpied N, et al. **Cancer** 1990 Aug 15; 66(4):627–31

LEUKEMIA, LYMPHOCYTIC, CHRONIC

Evidence that chronic lymphocytic leukemia B lymphocytes are frequently committed to production of natural autoantibodies. Borche L, et al. **Blood** 1990 Aug 1; 76(3):562–9

LEUKEMIA, MIXED-CELL

Mixed-lineage leukemia revisited: acute lymphocytic leukemia with myeloperoxidase-positive blasts by electron microscopy. Kantarjian HM, et al. **Blood** 1990 Aug 15; 76(4):808–13

LEUKEMIA, MYELOCYTIC, ACUTE

Dysphagia caused by acute leukemic infiltration of the esophagus [letter] Thompson BC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):654
Serum immunoglobulins to endotoxin core glycolipid: acute leukaemia and other cancers. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):771–3
High-dose chemotherapy and autologous bone marrow transplantation in acute myeloid leukemia. McMillan AK, et al. **Blood** 1990 Aug 1;76(3):480–8
N-ras mutations in adult de novo acute myelogenous leukemia: prevalence and clinical significance. Radich JP, et al. **Blood** 1990 Aug 15;76(4):801–7
Vitamin B-12 and folate deficiency presenting as leukaemia [letter] Lennard A. **BMJ** 1990 Jul 7;301(6742):42
Intensive antileukemic treatment of patients younger than 65 years with myelodysplastic syndromes and secondary acute myelogenous leukemia. De Witte T, et al. **Cancer** 1990 Sep 1;66(5):831–7
Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug resistance. Kuwazuru Y, et al. **Cancer** 1990 Sep 1; 66(5):868–73
High-dose chemotherapy and unpurged autologous bone marrow transplantation for acute leukemia in second or subsequent remission. Spinolo JA, et al. **Cancer** 1990 Aug

15;66(4):619–26
Myeloid neoplasia in children treated for solid tumours. Pui CH, et al. **Lancet** 1990 Aug 18;336(8712):417–21

LEUKEMIA, MYELOID

Refractory right ventricular failure due to granulocytic sarcoma. Tillawi IS, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):983–5
Differential expression of CD54/intercellular adhesion molecule-1 in myeloid leukemias and in lymphoproliferative disorders. Maio M, et al. **Blood** 1990 Aug 15;76(4):783–90

LEUKEMIA, MYELOID, CHRONIC

Chromosomal breakpoints within the first intron of the ABL gene are nonrandom in patients with chronic myelogenous leukemia. Jiang XY, et al. **Blood** 1990 Aug 1;76(3):597–601
Establishment and characterization of a granulocyte-macrophage colony-stimulating factor-dependent human myeloid cell line. Oez S, et al. **Blood** 1990 Aug 1;76(3):578–82
An overview of bone marrow transplantation for chronic myeloid leukemia. Barnett MJ, et al. **Can Med Assoc J** 1990 Aug 1;143(3):187–93 (57 ref.)

LEUKEMIA, NONLYMPHOCYTIC, ACUTE

Intermediate-dose cytosine arabinoside and amsacrine. An effective regimen with low toxicity in refractory acute nonlymphocytic leukemia. Dekker AW, et al. **Cancer** 1990 May 1;65(9):1891–4
Poor survival of treatment-related acute nonlymphocytic leukemia. Neugut AI, et al. **JAMA** 1990 Aug 22–29; 264(8):1006–8
Induction chemotherapy in Jehovah's Witnesses with leukaemia [letter] Hargis JB, et al. **Lancet** 1990 Sep 1; 336(8714):563–4
Acute nonlymphocytic leukemia: the first 48 hours. Ringenberg QS, et al. **South Med J** 1990 Aug;83(8):931–40 (62 ref.)

LEUKEMIA, RADIATION-INDUCED

Poor survival of treatment-related acute nonlymphocytic leukemia. Neugut AI, et al. **JAMA** 1990 Aug 22–29; 264(8):1006–8

LEUKEMIA, T-CELL, ACUTE

A specific defect of prosolin phosphorylation in T cell leukemic lymphoblasts is associated with impaired down-regulation of DNA synthesis. Cooper HL, et al. **J Immunol** 1990 Aug 15;145(4):1205–13
Overexpression of P-glycoprotein in adult T-cell leukaemia [letter] Kato S, et al. **Lancet** 1990 Sep 1;336(8714):573

LEUKOCYTE COUNT

Leukocyte counts in infants of diabetic mothers [letter] Herson VC. **J Pediatr** 1990 Aug;117(2 Pt 1):341

LEUKOCYTES

Role of eicosanoids and white blood cells in the beneficial effects of limited reperfusion after ischemia-reperfusion injury in skeletal muscle. Anderson RJ, et al. **Am J Surg** 1990 Aug;160(2):151–5
Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Richards GA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):648–54
Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Pillai R, et al. **Ann Thorac Surg** 1990 Aug;50(2):211–4
Psychological stress-induced modulation of interleukin 2 receptor gene expression and interleukin 2 production in peripheral blood leukocytes. Glaser R, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):707–12
Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity. Niwa Y, et al. **Blood** 1990 Aug 15;76(4):835–41
Comparison of the intracellular bacterial killing activity of leukocytes in musculocutaneous and random-pattern flaps. Eshima I, et al. **Plast Reconstr Surg** 1990 Sep;86(3):541–7

LEUKOCYTES, MONONUCLEAR

Tuftsin induces tissue factor-like activity in human mononuclear cells and in monocytic cell lines. Kornberg A, et al. **Blood** 1990 Aug 15;76(4):814–9
Beta 2-adrenoceptors in human lung and peripheral mononuclear leukocytes of untreated and terbutaline-treated patients. Hauck RW, et al. **Chest** 1990 Aug;98(2):376–81
Effects of single and repeated blood withdrawals on circulating mononuclear cells in BB rats. Failure to prevent diabetes despite acute changes in counts. Marliss EB, et al. **Diabetes** 1990 Sep;39(9):1099–105
Quantitative histological study of mucosal inflammatory cell densities in endoscopic duodenal biopsy specimens from dyspeptic patients using computer linked image analysis. Collins JS, et al. **Gut** 1990 Aug;31(8):858–61
Immune response to polyglycolic acid implants. Santavirta S, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):597–600
Peripheral blood mononuclear cell interleukin-2 and interferon-gamma production, cytotoxicity, and antigen-stimulated blastogenesis during experimental rhinovirus infection. Hsia J, et al. **J Infect Dis** 1990 Sep; 162(3):591–7

LEUKOCYTOSIS

C5a-induced neutrophilia. A primary humoral mechanism for recruitment of neutrophils. Kajita T, et al. **Am J Pathol** 1990 Aug;137(2):467–77
Synovial leukocytosis in infectious arthritis. McCutchan HJ, et al. **Clin Orthop** 1990 Aug;(257):226–30

LEUKOPENIA

Subcutaneous recombinant granulocyte-macrophage colony-stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Pluda JM, et al. **Blood** 1990 Aug 1;76(3):463–72

LEUKOTRIENES

Leukotrienes and other products of the 5-lipoxygenase pathway. Biochemistry and relation to pathobiology in human diseases. Lewis RA, et al. **N Engl J Med** 1990 Sep 6;323(10):645–55 (136 ref.)

LEUKOTRIENES B

Inhibition of leukotriene B4 synthesis in neutrophils from patients with rheumatoid arthritis by a single oral dose of methotrexate. Sperling RI, et al. **Arthritis Rheum** 1990 Aug; 33(8):1149–55

LEVODOPA

Ropinirole without levodopa in Parkinson's disease [letter] Vidailhet MJ, et al. **Lancet** 1990 Aug 4;336(8710):316–7

LEWIS BLOOD-GROUP SYSTEM

Association of type 1 blood group antigens with urinary tract infections in children with genitourinary structural abnormalities. Sheinfeld J, et al. **J Urol** 1990 Aug;144(2 Pt 2):469–73; discussion 474

LEYDIG CELL TUMOR

Viralization due to Leydig cell tumor diagnosis by magnetic resonance imaging. Case management report. Kaufman E, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):414–7
Measurement of circulating parathyroid hormone-related protein in rats with humoral hypercalcemia of malignancy using a two-site immunoradiometric assay. Gaich G, et al. **Endocrinology** 1990 Sep;127(3):1444–9
Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310–8

LEYDIG CELLS

Corticotropin-releasing factor is produced by rat Leydig cells and has a major local antireproductive role in the testis. Fabbri A, et al. **Endocrinology** 1990 Sep; 127(3):1541–3
Interleukin-2 is a potent inhibitor of Leydig cell steroidogenesis. Guo H, et al. **Endocrinology** 1990 Sep; 127(3):1234–9
1,25-Dihydroxyvitamin D3 antagonizes interferon-gamma-induced expression of class II major histocompatibility antigens on thyroid follicular and testicular Leydig cells. Tokuda N, et al. **Endocrinology** 1990 Sep;127(3):1419–27

LH

Investigation of the mechanism by which insulin-induced hypoglycemia decreases luteinizing hormone secretion in ovariectomized ewes. Clarke IJ, et al. **Endocrinology** 1990 Sep;127(3):1470–6
Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Crowley WR, et al. **Endocrinology** 1990 Sep;127(3):1487–94
Differential effects of in vitro glucocorticoids on luteinizing hormone and follicle-stimulating hormone secretion: dependence on sex of pituitary donor. D'Agostino J, et al. **Endocrinology** 1990 Aug;127(2):891–9
Gonadotropin-releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating-induced luteinizing hormone surge. Kaynard AH, et al. **Endocrinology** 1990 Sep;127(3):1176–85
The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Krummen LA, et al. **Endocrinology** 1990 Sep;127(3):1097–104
Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823–31
The estradiol-induced surge of gonadotropin-releasing hormone in the ewe. Moenter SM, et al. **Endocrinology** 1990 Sep;127(3):1375–84
Unexpected inhibitory action of N-methyl-D,L-aspartate or luteinizing hormone release in adult ovariectomized rhesus monkeys: a role of the hypothalamic-adrenal axis. Reyes A, et al. **Endocrinology** 1990 Aug;127(2):724–9
Cytokines act within the brain to inhibit luteinizing hormone secretion and ovulation in the rat. Rivier C, et al. **Endocrinology** 1990 Aug;127(2):849–56
Rapid augmentation by progesterone of agonist-stimulated luteinizing hormone secretion by cultured pituitary cells. Turgeon JL, et al. **Endocrinology** 1990 Aug;127(2):773–80
Pathophysiology of pulsatile and copulsatile release of thyroid-stimulating hormone, luteinizing hormone, follicle-stimulating hormone, and alpha-subunit. Samuels MH, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):425–32
Insulin-like growth factor-I enhances luteinizing hormone binding to rat ovarian theca-interstitial cells. Cara JF, et al. **J Clin Invest** 1990 Aug;86(2):560–5

LH-FSH RELEASING HORMONE

Ontogeny and pituitary regulation of testicular growth hormone-releasing hormone-like messenger ribonucleic acid. Berry SA, et al. **Endocrinology** 1990 Sep; 127(3):1404–11
Maturation of the hypothalamic control of pulsatile gonadotropin-releasing hormone secretion at onset of puberty. I. Increased activation of N-methyl-D-aspartate receptors. Bourguignon JP, et al. **Endocrinology** 1990 Aug; 127(2):873–81
Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Crowley WR, et al. **Endocrinology** 1990 Sep;127(3):1487–94
Gamma-aminobutyric acid-A and -B receptor antagonists increase luteinizing hormone-releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen-treated rats. Hartman RD, et al. **Endocrinology** 1990 Sep;127(3):1336–45
Gonadotropin-releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating-induced luteinizing hormone surge. Kaynard AH, et al. **Endocrinology** 1990 Sep;127(3):1176–85
Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823–31
A modulatory role for luteinizing hormone-releasing hormone in nociceptive responses of female rats. Ratka A, et al. **Endocrinology** 1990 Aug;127(2):667–73
Rapid augmentation by progesterone of agonist-stimulated luteinizing hormone secretion by cultured pituitary cells. Turgeon JL, et al. **Endocrinology** 1990 Aug;127(2):773–80
Chronic inhibitory effect of follicle-stimulating hormone (FSH)-suppressing protein (FSP) or follistatin on activin- and gonadotropin-releasing hormone-stimulated FSH synthesis and secretion in cultured rat anterior pituitary cells. Wang QF, et al. **Endocrinology** 1990 Sep; 127(3):1385–93
Gonadotropin-releasing hormone messenger ribonucleic acid levels are unaltered with changes in the gonadal hormone milieu of the adult male rat. Wiemann JN, et al. **Endocrinology** 1990 Aug;127(2):523–32
Nafarelin for endometriosis. **Med Lett Drugs Ther** 1990 Aug 24;32(825):81–2
The secretion of insulin-like growth factors I and II by explant cultures of fibroids and myometrium from women treated with a gonadotropin-releasing hormone agonist. Rein MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):388–94

LIBRARIES, MEDICAL

Medical library education in China. Crawford DS, et al. **Acad Med** 1990 Aug;65(8):502–4

LIBRARY SCIENCE

Medical library education in China. Crawford DS, et al. **Acad Med** 1990 Aug;65(8):502–4

LICENSURE

GAO report: deficits in state outpatient center regulation. Hudson T. **Hospitals** 1990 Aug 5;64(15):73

LICENSURE, MEDICAL

Academic medicine and the National Board: a love-hate relationship? [editorial] Stemmler EJ. **Acad Med** 1990 Jun; 65(6):380–1

LIDOCAINE

Pain on injection of propofol. Methods of alleviation. Johnson RA, et al. **Anaesthesia** 1990 Jun;45(6):439–42
Topical lignocaine: toxic lignocaine [letter] Scott DB. **Anaesthesia** 1990 Jun;45(6):502
Mechanism of action of local anesthetics on synaptic transmission in the rat. Tabatabai M, et al. **Anesth Analg** 1990 Aug;71(2):149–57
Lidocaine intoxication during general anesthesia [letter] Yukioka H, et al. **Anesth Analg** 1990 Aug;71(2):207–8
The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al. **Ann Emerg Med** 1990 Jul;19(7):785–8
Effects of epidural block with lignocaine and lignocaine-adrenaline on umbilical artery velocity wave ratios. Marx GF, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):517–20
Methemoglobinemia after lidocaine administration [letter] Hansen-Flaschen J. **Chest** 1990 Aug;98(2):519–20
Combined adenosine and lidocaine administration limits myocardial reperfusion injury. Homeister JW, et al. **Circulation** 1990 Aug;82(2):595–608
Cimetidine and omeprazole have different effects on hepatic extraction of lidocaine in rats. Bruck R, et al. **Gastroenterology** 1990 Sep;99(3):857–9
Accidental lidocaine overdosage in an infant. Jonville AP, et al. **J Toxicol Clin Toxicol** 1990;28(1):101–6

LIFE CHANGE EVENTS

Life events and the course of bipolar disorder. Ellicott A, et al. **Am J Psychiatry** 1990 Sep;147(9):1194–8
Avoidant coping predicts psychological disturbance in the elderly. Smith LW, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):525–30
Prevalence of sexual abuse, physical abuse, and concurrent traumatic life events in a general medical population. Greenwood CL, et al. **Mayo Clin Proc** 1990 Aug; 65(8):1067–71

LIFE EXPECTANCY

Hospital care for the elderly in the final year of life: a population based study. Henderson J, et al. **BMJ** 1990 Jul 7;301(6742):17–9
Inequalities in health: ten years and little further on. Morris JN. **Lancet** 1990 Aug 25;336(8713):491–3
The life expectancy of profoundly handicapped people with mental retardation. Eyman RK, et al. **N Engl J Med** 1990 Aug 30;323(9):584–9

LIFE STYLE

Drug use and life style among college undergraduates in 1989: a comparison with 1969 and 1978. Pope HG Jr, et al. **Am J Psychiatry** 1990 Aug;147(8):998–1001

LIFE SUPPORT CARE

Impact of legal liability, family wishes, and other "external factors" on physicians' life-support decisions. Perkins HS, et al. **Am J Med** 1990 Aug;89(2):185–94
Entrapment [editorial] Gillis J, et al. **Crit Care Med** 1990 Aug;18(8):897
Life-sustaining treatment. A legal-ethical dilemma. Smejkal CM, et al. **J Nurs Adm** 1990 Jul-Aug;20(7-8):49–52

LIFE TABLES

The prognosis in Alzheimer's disease. 'How far' rather than 'how fast' best predicts the course. Drachman DA, et al. **Arch Neurol** 1990 Aug;47(8):851–6

LIGAMENTS, ARTICULAR

Rationale and protocol for postoperative anterior cruciate ligament rehabilitation. Podesta L, et al. **Clin Orthop** 1990 Aug;(257):262–73 (94 ref.)
Partial versus complete acute anterior cruciate ligament tears. The results of nonoperative treatment. Barrack RL, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):622–4
Intraosseous anchorage of the iliotibial band graft. Laupattarakasem W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):725

LIGHT

Photoperiodic control of adipocyte alpha 2-adrenoceptors in Syrian hamsters: role of testosterone. Saulnier-Blache JS, et al. **Endocrinology** 1990 Sep;127(3):1245–53

LIGHT COAGULATION

A corneal complication of indirect ophthalmic laser delivery systems. Rubinfeld RS, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):206–8
Neodymium:YAG laser and brachytherapy in the management of inoperable bronchogenic carcinoma. Miller JI Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):190–5; discussion 195–6
Experimental use of semiconductor diode laser in contact transscleral cyclophotocoagulation in rabbits. Schuman JS, et al. **Arch Ophthalmol** 1990 Aug;108(8):1152–7

LIGHTING

Illuminance of neonatal units. Robinson J, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):679–82

LINKAGE (GENETICS)

Origin of mutations in two families with X-linked chronic granulomatous disease. Francke U, et al. **Blood** 1990 Aug 1;76(3):602–6
RFLP and deletion analysis for X-linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Pelham A, et al. **Blood** 1990 Aug 15;76(4):820–4

LIP

Respiratory tract infection and anaesthesia. Haemophilus influenzae pneumonia that developed under anaesthesia. Campbell NN. **Anaesthesia** 1990 Jul;45(7):561–2

LIPASE

Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144–52
Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. van Klaveren RJ, et al. **Gut** 1990 Aug;31(8):953–5

LIPECTOMY

Suction-assisted lipectomy in the management of obstructive sleep apnea. Fedok FG, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):968–70
Liposuction surgery: an effective alternative for treatment of lipomas [letter] Spinowitz AL. **Plast Reconstr Surg** 1990 Sep;86(3):606

LIPIDS

Day-to-day variability of serum cholesterol, triglyceride, and high-density lipoprotein cholesterol levels. Impact on the assessment of risk according to the National Cholesterol Education Program guidelines [see comments] Bookstein L, et al. **Arch Intern Med** 1990 Aug;150(8):1653–7. Comment in: Arch Intern Med 1990 Aug;150(8):1583–5.
Variabilities in serum lipid measurements. Do they impede proper diagnosis and treatment of dyslipidemia? [comment] Dujovne CA, et al. **Arch Intern Med** 1990 Aug; 150(8):1583–5. Comment on: Arch Intern Med 1990 Aug;150(8):1645–8. Comment on: Arch Intern Med 1990 Aug;150(8):1653–7.
Lipid degeneration in a pheochromocytoma histologically mimicking an adrenal cortical tumor. Unger PD, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):892–4
Dietary intake and plasma lipid levels [letter] Lockton JA, et al. **BMJ** 1990 Jul 7;301(6742):43–4
Alterations in transfer and lipid distribution of arachidonic acid in placentas of diabetic pregnancies. Kuhn DC, et al. **Diabetes** 1990 Aug;39(8):914–8
Serum lipids and gallstones: a case-control study. Thijs C, et al. **Gastroenterology** 1990 Sep;99(3):843–9
Role of recurrent hydrophobic residues in catalysis of helix formation by T cell-presented peptides in the presence of lipid vesicles. Lu S, et al. **J Immunol** 1990 Aug 1; 145(3):899–904
Nicotinic acid as therapy for dyslipidemia in non-insulin-dependent diabetes mellitus. Garg A, et al. **JAMA** 1990 Aug 8;264(6):723–6

LIPODYSTROPHY

Partial lipodystrophy in coeliac disease. O'Mahony D, et al. **Gut** 1990 Jun;31(6):717–8

LIPOLYSIS

Non-invasive assessment of intraluminal lipolysis using a 13CO2 breath test. Murphy MS, et al. **Arch Dis Child** 1990 Jun;65(6):574–8

LIPOMA

Hour-glass lipoma. Trigaux JP, et al. **Br J Radiol** 1990 Jun; 63(750):497–8
Leptomyelolipoma: analysis of 20 cases. Harrison MJ, et al. **J Neurosurg** 1990 Sep;73(3):360–7
Liposuction surgery: an effective alternative for treatment of lipomas [letter] Spinowitz AL. **Plast Reconstr Surg** 1990 Sep;86(3):606

LIPOMATOSIS

Familial multiple symmetric lipomatosis with peripheral neuropathy. Chalk CH, et al. **Neurology** 1990 Aug; 40(8):1246–50

LIPOPOLYSACCHARIDES

Serum immunoglobulins to endotoxin core glycolipid: acute leukaemia and other cancers. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):771–3
Serum immunoglobulins to endotoxin core glycolipid: establishment of normal concentrations. Jackson SK, et al. **Arch Dis Child** 1990 Jul;65(7):768–70
Subclass distribution of IgG and IgA antibody response to Pseudomonas pseudoalcaligenes in humans exposed to infected metal-working fluid. Mattsby-Baltzer I, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):231–8
Activation of C3H/HeJ macrophage tumoricidal activity and cytokine release by R-chemotype lipopolysaccharide preparations. Differential effects of IFN-gamma. Flebbe LM, et al. **J Immunol** 1990 Sep 1;145(5):1505–11
Down-regulation of mannose receptor activity in macrophages after treatment with lipopolysaccharide and phorbol esters. Shepherd VL, et al. **J Immunol** 1990 Sep 1;145(5):1530–6
Modification by sialic acid of Neisseria gonorrhoeae lipooligosaccharide epitope expression in human urethral exudates: an immunoelectron microscopic analysis. Apicella MA, et al. **J Infect Dis** 1990 Aug;162(2):506–12
Outer membrane protein and lipopolysaccharide heterogeneity among Eikenella corrodens isolates. Chen CK, et al. **J Infect Dis** 1990 Sep;162(3):664–71
Heterogeneity of lipopolysaccharide phenotype among Salmonella typhi strains. Jimenez-Lucho V, et al. **J Infect Dis** 1990 Sep;162(3):763–4
Bacteroides lipopolysaccharides (LPS) induce anaphylactoid and lethal reactions in LPS-responsive and -nonresponsive mice primed with muramyl dipeptide. Takada H, et al. **J Infect Dis** 1990 Aug;162(2):428–34
Biochemical characterization and worldwide distribution of serologically distinct lipopolysaccharides of Haemophilus influenzae type b. van Alphen L, et al. **J Infect Dis** 1990 Sep;162(3):659–63

LIPOPROTEIN LIPASE

Lipoprotein lipase. Connelly PW. **Can Med Assoc J** 1990 Aug 15;143(4):295
Role of lipoprotein lipase in the regulation of high density lipoprotein apolipoprotein metabolism. Studies in normal and lipoprotein lipase-inhibited monkeys. Goldberg IJ, et al. **J Clin Invest** 1990 Aug;86(2):463–73

LIPOPROTEINS

Within-person fluctuations of serum cholesterol and lipoproteins [see comments] Mogadam M, et al. **Arch Intern Med** 1990 Aug;150(8):1645–8. Comment in: Arch Intern Med 1990 Aug;150(8):1583–5.
Atherogenic lipoprotein phenotype. A proposed genetic marker for coronary heart disease risk [see comments] Austin MA, et al. **Circulation** 1990 Aug;82(2):495–506. Comment in: Circulation 1990 Aug;82(2):649–51.
New lipoprotein profiles and coronary heart disease. Improving precision of risk [comment] Nestel PJ. **Circulation** 1990 Aug;82(2):649–51. Comment on: Circulation 1990 Aug;82(2):495–506.
Effect of insulin therapy on metabolic fate of apolipoprotein B-containing lipoproteins in NIDDM. Taskinen MR, et al. **Diabetes** 1990 Sep;39(9):1017–27
Abnormalities of lipoprotein metabolism in patients with the nephrotic syndrome [see comments] Joven J, et al. **N Engl J Med** 1990 Aug 30;323(9):579–84. Comment in: N Engl J Med 1990 Aug 30;323(9):603–4.

LIPOPROTEINS, HDL

Role of apolipoprotein levels in clinical practice. Grundy SM, et al. **Arch Intern Med** 1990 Aug;150(8):1579–82 (29 ref.)
Effect of alcohol intake on human apolipoprotein A-I-containing lipoprotein subfractions. Puchois P, et al. **Arch Intern Med** 1990 Aug;150(8):1638–41
Apolipoproteins A-I and B as predictors of angiographically defined coronary artery disease. Reinhart RA, et al. **Arch Intern Med** 1990 Aug;150(8):1629–33
Role of lipoprotein lipase in the regulation of high density lipoprotein apolipoprotein metabolism. Studies in normal and lipoprotein lipase-inhibited monkeys. Goldberg IJ, et al. **J Clin Invest** 1990 Aug;86(2):463–73
Plasma high density lipoproteins. Metabolism and relationship to atherogenesis. Tall AR. **J Clin Invest** 1990 Aug;86(2):379–84 (55 ref.)

LIPOPROTEINS, HDL CHOLESTEROL

Dietary polyunsaturated fatty acids enhance the uptake of high-density lipoprotein cholesterol ester by rat adipocytes. Zsigmond E, et al. **Am J Clin Nutr** 1990 Aug;52(2):289–99
Effect of dietary trans fatty acids on high-density and low-density lipoprotein cholesterol levels in healthy subjects [see comments] Mensink RP, et al. **N Engl J Med** 1990 Aug 16;323(7):439–45. Comment in: N Engl J Med 1990 Aug 16;323(7):480–1.

LIPOPROTEINS, LDL

Lipoprotein degradation and cholesterol esterification in primary cell cultures of rabbit atherosclerotic lesions.

Jaakkola O, et al. **Am J Pathol** 1990 Aug;137(2):457–65
L428 cells derived from Hodgkin's disease produce E rosette-inhibiting factor. Katay I, et al. **Blood** 1990 Aug 15;76(4):791–6

LIPOPROTEINS, LDL CHOLESTEROL

Effect of dietary trans fatty acids on high-density and low-density lipoprotein cholesterol levels in healthy subjects [see comments] Mensink RP, et al. **N Engl J Med** 1990 Aug 16;323(7):439–45. Comment in: N Engl J Med 1990 Aug 16;323(7):480–1.

LIPOPROTEINS, VLDL

Tumor necrosis factor acutely increases plasma levels of very low density lipoproteins of normal size and composition. Krauss RM, et al. **Endocrinology** 1990 Sep;127(3):1016–21

LIPOSOMES

Liposome distribution after intravenous and selective intraarterial infusion in dogs. Wright KC, et al. **Radiology** 1990 Sep;176(3):691–4

LISTERIA INFECTIONS

Listeriosis revisited: the role of the obstetrician [letter] Frappell J, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):550–1

LISTERIA MONOCYTOGENES

Antibiotic resistance of Listeria monocytogenes [letter] MacGowen AP, et al. **Lancet** 1990 Aug 25;336(8713):513–4

LITERATURE, MODERN

Machiavelli and the chief resident. Raviglione MC. **Acad Med** 1990 Jun;65(6):361–2
Norman Cousins' sick laughter redux. Elgee NJ. **Arch Intern Med** 1990 Aug;150(8):1588

LITHIUM

Pharmacologic approach to sleep panic attacks [letter] Feder R. **Am J Psychiatry** 1990 Aug;147(8):1091–2
Lack of effect of lithium carbonate on zidovudine-associated neutropenia in patients with AIDS [letter] Worthington M. **J Infect Dis** 1990 Sep;162(3):77–8
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1990 Aug 22–29; 264(8):950
Maternal lithium therapy and polyhydramnios. Ang MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):517–9

LITHOTRIPSY

Gallstone extracorporeal shock-wave lithotripsy: time and treatment considerations [letter] Nijs HG, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):655–6
Lithostar extracorporeal shock wave lithotripsy in children. Abara E, et al. **J Urol** 1990 Aug;144(2 Pt 2):489–91; discussion 492–3
The use of bubble wrap as an arm support for extracorporeal shock wave lithotripsy. Fernandez JA, et al. **J Urol** 1990 Aug;144(2 Pt 1):312
In situ extracorporeal shock wave lithotripsy for ureteral calculi. Rodrigues Netto Júnior N, et al. **J Urol** 1990 Aug; 144(2 Pt 1):253–4
The effect of extracorporeal shock wave lithotripsy on the microbiological flora of urinary calculi. Stoller ML, et al. **J Urol** 1990 Sep;144(3):619–21
Experience with the Dornier HM4 and MPL 9000 lithotriptors in urinary stone treatment. Tailly GG. **J Urol** 1990 Sep;144(3):622–7
Extracorporeal shock wave lithotripsy of urinary calculi. Theory, efficacy, and adverse effects. Kelley JM. **West J Med** 1990 Jul;153(1):65–9 (55 ref.)

LIVER

Intrahepatic portosystemic venous shunt. Park JH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):527–8
High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Crowell PL, et al. **Am J Clin Nutr** 1990 Aug; 52(2):313–9
Effects of glyburide on carbohydrate metabolism and insulin action in the liver. Caro JF. **Am J Med** 1990 Aug 20; 89(2A):17S–25S; discussion 51S–53S (59 ref.)
Effect of glyburide on hepatic glucose metabolism. McGuinness OP; discussion 51S–53S, et al. **Am J Med** 1990 Aug 20;89(2A):26S–37S (58 ref.)
Recurrent acute fatty liver of pregnancy. Barton JR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):534–8
Detection of hepatitis B virus DNA in formalin-fixed, paraffin-embedded liver tissue by the polymerase chain reaction. Lampertico P, et al. **Am J Pathol** 1990 Aug; 137(2):253–8
The effect of an arenavirus infection on liver morphology and function. Lucia HL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):93–8
Perisinusoidal cell hypertrophy in a patient with acquired immunodeficiency syndrome. Kossaifi T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):876–9
Ultrafast magnetic resonance scanning of the liver with echo-planar imaging. Stehling MK, et al. **Br J Radiol** 1990 Jun;63(750):430–7
Hepatic resection for colorectal secondaries [letter] Taylor I. **Br J Surg** 1990 Jul;77(7):834
Glucocorticoid receptor identified on nuclear envelopes of male rat livers by affinity labeling and immunochemistry. Howell GM, et al. **Endocrinology** 1990 Sep;127(3):1087–96
Dexamethasone increases hepatic insulin-like growth factor binding protein-1 (IGFBP-1) mRNA and serum IGFBP-1 concentrations in the rat. Luo J, et al. **Endocrinology** 1990 Sep;127(3):1456–62
Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Niimi S, et al. **Endocrinology** 1990 Aug;127(2):688–94
Biological activity of the fatty acid ester metabolites of corticoids. Petrazzuoli M, et al. **Endocrinology** 1990 Aug; 127(2):555–9
Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144–52
Cimetidine and omeprazole have different effects on hepatic extraction of lidocaine in rats. Bruck R, et al. **Gastroenterology** 1990 Sep;99(3):857–9
Omeprazole is an aryl hydrocarbon-like inducer of human hepatic cytochrome P450 [see comments] Diaz D, et al. **Gastroenterology** 1990 Sep;99(3):737–47. Comment in: Gastroenterology 1990 Sep;99(3):885–9.
Provocation of massive hepatic necrosis by endotoxin after partial hepatectomy in rats. Mochida S, et al. **Gastroenterology** 1990 Sep;99(3):771–7
Effects of ursodeoxycholic acid treatment on nutrition and liver function in patients with cystic fibrosis and longstanding cholestasis. Cotting J, et al. **Gut** 1990 Aug; 31(8):918–21
Nodular regenerative hyperplasia mimicking cirrhosis of the liver. McDonald JA, et al. **Gut** 1990 Jun;31(6):725–7
Hepatic alcohol dehydrogenase activity in alcoholic subjects with and without liver disease. Vidal F, et al. **Gut** 1990 Jun;31(6):707–11
Failure of substrate-induced gluconeogenesis to increase overall glucose appearance in normal humans. Demonstration of hepatic autoregulation without a change in plasma glucose concentration. Jenssen T, et al. **J Clin Invest** 1990 Aug;86(2):489–97
Identification of activated T cell receptor gamma delta lymphocytes in the liver of tumor-bearing hosts. Seki S, et al. **J Clin Invest** 1990 Aug;86(2):409–15
Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. Bouvet JP, et al. **J Immunol** 1990 Aug 15; 145(4):1176–80
Fibrin glue as a hemostatic agent in hepatic and splenic trauma. Ochsner MG, et al. **J Trauma** 1990 Jul;30(7):884–7
Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Martínez M. **Neurology** 1990 Aug;40(8):1292–8
Liposome distribution after intravenous and selective intraarterial infusion in dogs. Wright KC, et al. **Radiology** 1990 Sep;176(3):691–4
Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Nauta RJ, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):120–5
A segmental approach to computerized tomographic portography for hepatic resection. Sugarbaker PH, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):189–95

LIVER ABSCESS, AMEBIC

Communicating liver abscesses [letter] Patel V, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):654–5
Association of serum antibodies to adherence lectin with invasive amebiasis and asymptomatic infection with pathogenic Entamoeba histolytica. Ravdin JI, et al. **J Infect Dis** 1990 Sep;162(3):768–72

LIVER CIRCULATION

Single and multiple doses of oral cimetidine do not change liver blood flow in humans. Bauer LA, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):195–200

LIVER CIRRHOSIS

Effects of propranolol on arterial oxygenation and oxygen transport to tissues in patients with cirrhosis. Agusti AG, et al. **Am Rev Respir Dis** 1990 Aug;142(2):306–10
Bleeding time in patients with hepatic cirrhosis. Blake JC, et al. **BMJ** 1990 Jul 7;301(6742):12–5
Iron-accumulating adenomatous hyperplastic nodule with malignant foci in the cirrhotic liver. Histopathologic, quantitative iron, and magnetic resonance imaging in vitro studies. Terada T, et al. **Cancer** 1990 May 1;65(9):1994–2000
The effect of protein on renal function in cirrhosis. Sweeting J. **Gastroenterology** 1990 Sep;99(3):895
Nodular regenerative hyperplasia mimicking cirrhosis of the liver. McDonald JA, et al. **Gut** 1990 Jun;31(6):725–7
LCAT activity as a prognostic liver function test [letter] Horton RC, et al. **Lancet** 1990 Jul 28;336(8709):249–50

LIVER CIRRHOSIS, ALCOHOLIC

Autoantibodies in alcoholic liver disease [see comments] Laskin CA, et al. **Am J Med** 1990 Aug;89(2):129–33. Comment in: Am J Med 1990 Aug;89(2):127–8.
Liver transplantation in patients with alcoholic cirrhosis: selection criteria and rates of survival and relapse. Bird GL, et al. **BMJ** 1990 Jul 7;301(6742):15–7
Failure of colchicine to improve short-term survival in patients with alcoholic hepatitis. Akriviadis EA, et al. **Gastroenterology** 1990 Sep;99(3):811–8
Atrial volume in cirrhosis: relationship to blood volume and plasma concentration of atrial natriuretic factor. Rector WG Jr, et al. **Gastroenterology** 1990 Sep;99(3):766–70

LIVER CIRRHOSIS, BILIARY

Vitamin E deficiency and psychomotor dysfunction in adults with primary biliary cirrhosis. Arria AM, et al. **Am J Clin Nutr** 1990 Aug;52(2):383–90
Symptom development and prognosis in primary biliary cirrhosis: a study in two centers. Mitchison HC, et al. **Gastroenterology** 1990 Sep;99(3):778–84
Studies with the haeme oxygenase inhibitor Sn-protoporphyrin in patients with primary biliary cirrhosis and idiopathic haemochromatosis. Berglund L, et al. **Gut** 1990 Aug;31(8):899–904
Relation between zinc status and hepatic functional reserve in patients with liver disease. Goode HF, et al. **Gut** 1990 Jun;31(6):694–7

LIVER CIRRHOSIS, EXPERIMENTAL

Adaptative changes of metabolic zonation during the development of cirrhosis in growing rats. Sokal EM, et al. **Gastroenterology** 1990 Sep;99(3):785–92

LIVER DISEASES

Anthropometric evaluation of children with chronic liver disease. Sokol RJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):203–8
Anesthetic management of severely hypokalemic patients for liver transplantation. Khoury GF, et al. **Anesthesiology** 1990 Aug;73(2):337–40
Beclobrate and liver disease [letter] Aebi U, et al. **Ann Intern Med** 1990 Sep 15;113(6):483
Labetalol hepatotoxicity. Clark JA, et al. **Ann Intern Med** 1990 Aug 1;113(3):210–3
Perisinusoidal cell hypertrophy in a patient with acquired immunodeficiency syndrome. Kossaifi T, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):876–9
Ultrafast magnetic resonance scanning of the liver with echo-planar imaging. Stehling MK, et al. **Br J Radiol** 1990 Jun;63(750):430–7
Acute Budd-Chiari syndrome with hepatic failure and obstruction of the inferior vena cava as presenting manifestations of hereditary protein C deficiency. Bourlière M, et al. **Gut** 1990 Aug;31(8):949–52
Tumour necrosis factor, cholestatic jaundice, and chronic liver disease. Jones A, et al. **Gut** 1990 Aug;31(8):938–9
Hepatic cysts in autosomal dominant polycystic kidney disease. Everson GT. **Mayo Clin Proc** 1990 Jul;65(7):1020–5 (16 ref.)
Hepatic cyst infection in autosomal dominant polycystic kidney disease. Telenti A, et al. **Mayo Clin Proc** 1990 Jul; 65(7):933–42 (31 ref.)
Can acetaminophen excess result in maternal and fetal toxicity? Kurzel RB. **South Med J** 1990 Aug;83(8):953–5

LIVER DISEASES, ALCOHOLIC

Autoimmunity and alcoholic liver disease [comment] Zetterman RK. **Am J Med** 1990 Aug;89(2):127–8 (20 ref.) . Comment on: Am J Med 1990 Aug;89(2):129–33.
Relation between zinc status and hepatic functional reserve in patients with liver disease. Goode HF, et al. **Gut** 1990 Jun;31(6):694–7
Glutathione S-transferases in alcoholic liver disease. Harrison DJ, et al. **Gut** 1990 Aug;31(8):909–12
Hepatic alcohol dehydrogenase activity in alcoholic subjects with and without liver disease. Vidal F, et al. **Gut** 1990 Jun;31(6):707–11

LIVER DISEASES, PARASITIC

Fibrinolysis and the bleeding tendency in patients with hepatosplenic schistosomiasis. Omran SA, et al. **J Clin Pathol** 1990 Jun;43(6):476–8

LIVER GLYCOGEN

Simultaneous synthesis and degradation of rat liver glycogen. An in vivo nuclear magnetic resonance spectroscopic study. David M, et al. **J Clin Invest** 1990 Aug;86(2):612–7

LIVER NEOPLASMS

Liver tumor imaging: current concepts. Ferrucci JT. **AJR Am J Roentgenol** 1990 Sep;155(3):473–84 (70 ref.)
Percutaneous ethanol injection therapy for neoplasms located on the surface of the liver. Shiina S, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):507–9

Clinicopathologic comparisons between estrogen receptor-positive and -negative hepatocellular carcinomas. Nagasue N, et al. **Ann Surg** 1990 Aug;212(2):150-4
Intra-arterial floxuridine vs systemic fluorouracil for hepatic metastases from colorectal cancer. A randomized trial. Martin JK Jr, et al. **Arch Surg** 1990 Aug;125(8):1022-7
Prospective randomized controlled trial of hepatic arterial embolization or infusion chemotherapy with 5-fluorouracil and degradable starch microspheres for colorectal liver metastases. Hunt TM, et al. **Br J Surg** 1990 Jul;77(7):779-82
Decreased morbidity and mortality rates in surgical patients with hepatocellular carcinoma. Matsumata T, et al. **Br J Surg** 1990 Jun;77(6):677-80
Hepatic resection for colorectal secondaries [letter] Taylor I. **Br J Surg** 1990 Jul;77(7):834
Functional and phenotypic characteristics of recombinant interleukin-2 or T-cell growth factor-activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Ebihara T, et al. **Cancer** 1990 Sep 1;66(5):923-9
Surgery of small hepatocellular carcinoma [letter] Ezaki T, et al. **Cancer** 1990 May 1;65(9):2101-2
An immunohistochemical and ultrastructural study of the sinusoids of hepatocellular carcinoma. Haratake J, et al. **Cancer** 1990 May 1;65(9):1985-93
Iron-accumulating adenomatous hyperplastic nodule with malignant foci in the cirrhotic liver. Histopathologic, quantitative iron, and magnetic resonance imaging in vitro studies. Terada T, et al. **Cancer** 1990 May 1;65(9):1994-2000
Cholangiographic appearance simulating sclerosing cholangitis in metastatic adenocarcinoma of the liver. Vilgrain V, et al. **Gastroenterology** 1990 Sep;99(3):850-3
Spontaneous regression of hepatocellular carcinoma. Ayres RC, et al. **Gut** 1990 Jun;31(6):722-4
The accuracy of liver cancer as the underlying cause of death on death certificates. Percy C, et al. **Public Health Rep** 1990 Jul-Aug;105(4):361-7
Abortion in patients with a liver mass [letter] Doherty MG. **South Med J** 1990 Aug;83(8):982-3
Excisional therapy for benign hepatic lesions. Iwatsuki S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):240-6
Assessment of pattern and treatment of intrahepatic recurrence after resection of hepatocellular carcinoma. Nagasue N, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):217-22
A segmental approach to computerized tomographic portography for hepatic resection. Sugarbaker PH, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):189-95

LIVER NEOPLASMS, EXPERIMENTAL

Effects of somatostatin analogue SMS 201-995 [letter] Poston GJ, et al. **Br J Surg** 1990 Jun;77(6):714-5
Production of the rat type 1 insulin-like growth factor-binding protein by well differentiated H4EIIC3 hepatoma cells: identification, purification, and N-terminal amino acid analysis. Unterman TG, et al. **Endocrinology** 1990 Aug;127(2):789-97

LIVER TRANSPLANTATION

Anesthetic management of severely hypokalemic patients for liver transplantation. Khoury GF, et al. **Anesthesiology** 1990 Aug;73(2):337-40
Liver transplantation in patients with alcoholic cirrhosis: selection criteria and rates of survival and relapse. Bird GL, et al. **BMJ** 1990 Jul 7;301(6742):15-7
Liver transplantation: a 31-year perspective. Part I. Starzl TE, et al. **Curr Probl Surg** 1990 Feb;27(2):49-116 (180 ref.)
Liver transplantation in children less than 1 year of age. Sokal EM, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):205-10
Preliminary report: hepatic vein Doppler in the early diagnosis of acute liver transplant rejection. Coulden RA, et al. **Lancet** 1990 Aug 4;336(8710):273-5
Liver transplantation across ABO blood group barriers. Gugenheim J, et al. **Lancet** 1990 Sep 1;336(8714):519-23
LCAT activity as a prognostic liver function test [letter] Horton RC, et al. **Lancet** 1990 Jul 28;336(8709):249-50
Pancreatic islet transplantation after upper abdominal exenteration and liver replacement. Tzakis AG, et al. **Lancet** 1990 Aug 18;336(8712):402-5
Organs for transplantation: analysis of 27,000 cadaveric donor organs. Peters TG, et al. **South Med J** 1990 Aug; 83(8):889-92
Experience with reduced-size liver transplantation. Kalayoglu M, et al. **Surg Gynecol Obstet** 1990 Aug; 171(2):139-47
Management of portal venous thrombosis in hepatic transplant recipients. Neuhaus P, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):251-2

LIZARDS

Solubilization and purification of melatonin receptors from lizard brain. Rivkees SA, et al. **Endocrinology** 1990 Sep; 127(3):1206-14

LOCOMOTION

Children who walk late [editorial] **Lancet** 1990 Sep 1; 336(8714):540-1

LORAZEPAM

Pharmacologic approach to sleep panic attacks [letter] Feder R. **Am J Psychiatry** 1990 Aug;147(8):1091-2
Lorazepam treatment of resistive aggression in dementia [letter] Fritz J, et al. **Am J Psychiatry** 1990 Sep;147(9):1250

LOVASTATIN

The human lens after 48 weeks of treatment with lovastatin [letter] Laties AM, et al. **N Engl J Med** 1990 Sep 6; 323(10):683-4

LOVE

Erotomania and senile dementia [letter] Carrier L. **Am J Psychiatry** 1990 Aug;147(8):1092

LUMBAR VERTEBRAE

Giant-cell tumor of the spine. A case report. Biagini R, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1102-7
Tuberculosis of the lumbosacral junction. Long-term follow-up of 26 cases. Pun WK, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):675-8
Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265-9

LUMBOSACRAL PLEXUS

Anatomic consideration of the fascia iliaca compartment block [letter] Kizelshteyn G, et al. **Anesth Analg** 1990 Aug; 71(2):210-2
External iliac artery and lumbosacral plexus injury secondary to an open book fracture of the pelvis: report of a case. Birchard JD, et al. **J Trauma** 1990 Jul;30(7):906-8

LUMBOSACRAL REGION

Leptomyelolipoma: analysis of 20 cases. Harrison MJ, et al. **J Neurosurg** 1990 Sep;73(3):360-7

LUMINESCENCE

Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Richards GA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):648-54

LUNG

Cardiopulmonary exercise testing before and after conditioning in older coronary patients. Ades PA, et al. **Am Heart J** 1990 Sep;120(3):585-9
Pulmonary effects of long-term beta 2-blockade in healthy subjects: comparative study of metoprolol OROS. Bauer K, et al. **Am Heart J** 1990 Aug;120(2):473-7
Dose response of thyrotropin-releasing hormone on pulmonary maturation in corticosteroid-treated preterm rabbits. Tabor BL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):669-76
Ductus arteriosus flow velocity modulation by fetal breathing movements as a measure of fetal lung development. van Eyck J, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):558-66
Epithelial cell-fibroblast interactions in lung injury and repair. Adamson IY, et al. **Am J Pathol** 1990 Aug; 137(2):385-92
Cytotoxic events taking place in the lung of patients with HIV-1 infection. Evidence of an intrinsic defect of the major histocompatibility complex-unrestricted killing partially restored by the incubation with rIL-2. Agostini C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):516-22
Churg-Strauss pulmonary vasculitis. High-resolution computed tomography scanning and pathologic findings. Buschman DL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):458-61
The effect of 60% oxygen on air-space enlargement and cross-linked elastin synthesis in hamsters with elastase-induced emphysema. Cantor JO, et al. **Am Rev Respir Dis** 1990 Sep;142(3):668-73
Lung function associated with histologically diagnosed acute lung rejection and pulmonary infection in heart-lung transplant patients. Otulana BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):329-32
Enhancement of hypoxic pulmonary vasoconstriction by metabolic acidosis in dogs. Lejeune P, et al. **Anesthesiology** 1990 Aug;73(2):256-64
Systemic arterial air embolism in penetrating lung injury. Estrera AS, et al. **Ann Thorac Surg** 1990 Aug;50(2):257-61
Decreased vascular compliance after reimplantation of the left lower lobe in young pigs. Johnson AM, et al. **Ann Thorac Surg** 1990 Aug;50(2):277-80
Determinants of pulmonary function in patients undergoing coronary bypass operations. Shapira N, et al. **Ann Thorac Surg** 1990 Aug;50(2):268-73
Reversal of protamine-induced catastrophic pulmonary vasoconstriction by prostaglandin E1. Whitman GJ, et al. **Ann Thorac Surg** 1990 Aug;50(2):303-5
Long term follow up after inhalation of foreign bodies. Davies H, et al. **Arch Dis Child** 1990 Jun;65(6):619-21
Respiratory sequelae and lung function after whooping cough in infancy. Krantz I, et al. **Arch Dis Child** 1990 Jun; 65(6):569-73
Mineralogical microanalysis of idiopathic pulmonary fibrosis. Monso E, et al. **Arch Environ Health** 1990 May-Jun; 45(3):185-8
Bronchopulmonary dysplasia: a radiographic and clinical review of 20 patients. Fitzgerald P, et al. **Br J Radiol** 1990 Jun;63(750):444-7
Recurrent pneumothorax in AIDS patients with Pneumocystis pneumonia. A clinicopathologic report of three cases and review of the literature. Beers MF, et al. **Chest** 1990 Aug;98(2):266-70 (30 ref.)
A new method for measurement of airway occlusion pressure. Brenner M, et al. **Chest** 1990 Aug;98(2):421-7
Beta 2-adrenoceptors in human lung and peripheral mononuclear leukocytes of untreated and terbutaline-treated patients. Hauck RW, et al. **Chest** 1990 Aug;98(2):376-81
Computed tomography in the etiologic assessment of idiopathic spontaneous pneumothorax. Lesur O, et al. **Chest** 1990 Aug;98(2):341-7
Pressure support and flow-cycled, assisted mechanical ventilation in acute lung injury. McGough EK, et al. **Chest** 1990 Aug;98(2):458-62
Improvement in pulmonary function in mitral stenosis after percutaneous transvenous mitral commissurotomy [see comments] Yoshioka T, et al. **Chest** 1990 Aug;98(2):290-4 . Comment in: Chest 1990 Aug;98(2):259-60.
Gamma scintigraphic imaging of lung microvascular permeability in adult respiratory distress syndrome. Putensen C, et al. **Crit Care Med** 1990 Aug;18(8):807-12
Prostaglandins regulate surfactant protein A (SP-A) gene expression in human fetal lung in vitro. Acarregui MJ, et al. **Endocrinology** 1990 Sep;127(3):1105-13
Pulmonary surfactant suppresses the immune lung injury response to inhaled antigen in guinea pigs. Richman PS, et al. **J Lab Clin Med** 1990 Jul;116(1):18-26
Lung: spiral volumetric CT with single-breath-hold technique. Vock P, et al. **Radiology** 1990 Sep;176(3):864-7
Reversible lung neutrophil accumulation can cause lung injury by elastase-mediated mechanisms. Anderson BO, et al. **Surgery** 1990 Aug;108(2):262-7; discussion 267-8
Effects of glucocorticoids on lung glutamine and alanine metabolism. Souba WW, et al. **Surgery** 1990 Aug; 108(2):213-8; discussion 218-9

LUNG DISEASES

Fleischner lecture. Radionuclides and the lung: past, present, and future. Hughes JM. **AJR Am J Roentgenol** 1990 Sep; 155(3):455-63 (55 ref.)
Intraluminal fibrosis and elastic fiber degradation lead to lung remodeling in pulmonary Langerhans cell granulomatosis (histiocytosis X). Fukuda Y, et al. **Am J Pathol** 1990 Aug; 137(2):415-24
Diagnostic significance of increased bronchoalveolar lavage fluid eosinophils. Allen JN, et al. **Am Rev Respir Dis** 1990 Sep;142(3):642-7
Churg-Strauss pulmonary vasculitis. High-resolution computed tomography scanning and pathologic findings. Buschman DL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):458-61
Crack lung: an acute pulmonary syndrome with a spectrum of clinical and histopathologic findings. Forrester JM, et al. **Am Rev Respir Dis** 1990 Aug;142(2):462-7
Clinical role of bronchoalveolar lavage in adults with pulmonary disease. Goldstein RA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):481-6 (91 ref.)
On the differential diagnosis of chronic beryllium disease and sarcoidosis [letter] Jones-Williams W. **Am Rev Respir Dis** 1990 Sep;142(3):739-40
Lung function associated with histologically diagnosed acute lung rejection and pulmonary infection in heart-lung transplant patients. Otulana BA, et al. **Am Rev Respir Dis** 1990 Aug;142(2):329-32
Pulmonary disease progress in sarcoid patients with and without bronchoalveolar lavage collagenase. Ward K, et al. **Am Rev Respir Dis** 1990 Sep;142(3):636-41
Bronchoalveolar lavage in sarcoidosis and HIV infection [letter] **Chest** 1990 Aug;98(2):517-8
The radiographic appearance of pulmonary nocardiosis associated with AIDS. Kramer MR, et al. **Chest** 1990 Aug; 98(2):382-5
Elevated von Willebrand factor antigen is an early plasma predictor of acute lung injury in nonpulmonary sepsis syndrome. Rubin DB, et al. **J Clin Invest** 1990 Aug; 86(2):474-80
One year's experience with a noninvasively monitored intermediate care unit for pulmonary patients. Krieger BP, et al. **JAMA** 1990 Sep 5;264(9):1143-6
Chest radiography: comparison of high-resolution digital displays with conventional and digital film. Cox GG, et al. **Radiology** 1990 Sep;176(3):771-6
Lung: spiral volumetric CT with single-breath-hold technique. Vock P, et al. **Radiology** 1990 Sep;176(3):864-7
Reversible lung neutrophil accumulation can cause lung injury by elastase-mediated mechanisms. Anderson BO, et al. **Surgery** 1990 Aug;108(2):262-7; discussion 267-8

LUNG DISEASES, FUNGAL

Pulmonary aspergillosis in mice: treatment with a new triazole SCH39304. Defaveri J, et al. **Am Rev Respir Dis** 1990 Sep;142(3):512–5

Concurrent human and canine histoplasmosis from cutting decayed wood. Davies SF, et al. **Ann Intern Med** 1990 Aug 1;113(3):252–3

Fungal infection with non-Hodgkin's lymphoma [letter] Roth B, et al. **Chest** 1990 Aug;98(2):512

What is a differential diagnosis? Kassirer JP, et al. **Hosp Pract [Off]** 1990 Aug 15;25(8):19–24, 27–8

LUNG DISEASES, OBSTRUCTIVE

Small airway dimensions in smokers with obstruction to airflow. Bosken CH, et al. **Am Rev Respir Dis** 1990 Sep; 142(3):563–70

Comparison of the effects of prolonged treatment with low and high doses of inhaled terbutaline on beta-adrenoceptor responsiveness in patients with chronic obstructive pulmonary disease. Lipworth BJ, et al. **Am Rev Respir Dis** 1990 Aug;142(2):338–42

Factors influencing ventilatory muscle recruitment in patients with chronic airflow obstruction. Martinez FJ, et al. **Am Rev Respir Dis** 1990 Aug;142(2):276–82

The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Whittaker JS, et al. **Am Rev Respir Dis** 1990 Aug;142(2):283–8

Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Annat GJ, et al. **Chest** 1990 Aug;98(2):411–4

Usefulness of left and right oblique subcostal view in the echo-Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo-Doppler evaluation of pulmonary blood flow. Ferrazza A, et al. **Chest** 1990 Aug;98(2):286–9

Pulsed Doppler echocardiography in the diagnosis of pulmonary hypertension in COPD. Miguéres M, et al. **Chest** 1990 Aug;98(2):280–5

Severe exacerbations of COPD and asthma. Incremental benefit of adding ipratropium to usual therapy. Patrick DM, et al. **Chest** 1990 Aug;98(2):295–7

LUNG DISEASES, PARASITIC

Pulmonary dirofilariasis: restudy of worms reported gravid. Beaver PC, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):167–9

Bilateral pulmonary nodules caused by Dirofilaria immitis. Bradham RR, et al. **Ann Thorac Surg** 1990 Aug;50(2):312–3

LUNG NEOPLASMS

Abnormal epithelial cells recovered by bronchoalveolar lavage: are they malignant? Biyoudi-Vouenze R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):686–90

Alveolar hemorrhage with epithelioid hemangioendothelioma. A previously unreported manifestation of a rare tumor. Carter EJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):700–1

Elevated concentration of soluble interleukin-2 receptors in serum of smokers and patients with lung cancer. Correlation with clinical activity. Ginns LC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):398–402

Neodymium:YAG laser and brachytherapy in the management of inoperable bronchogenic carcinoma. Miller JI Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):190–5; discussion 195–6

Passive smoking [letter] Wood AA. **BMJ** 1990 Jun 23; 300(6740):1650

Periodic health examination, 1990 update: 3. Interventions to prevent lung cancer other than smoking cessation. Canadian Task Force on the Periodic Health Examination. **Can Med Assoc J** 1990 Aug 15;143(4):269–72 (45 ref.)

Histocompatibility antigen expression in pulmonary carcinomas as indication of differentiation and of special subtypes. Dämmrich J, et al. **Cancer** 1990 May 1; 65(9):1942–54

Addition of verapamil and tamoxifen to the initial chemotherapy of small cell lung cancer. A phase I/II study. Figueredo A, et al. **Cancer** 1990 May 1;65(9):1895–902

Clinical and serologic markers of stage and prognosis in small cell lung cancer. A multivariate analysis. Gronowitz JS, et al. **Cancer** 1990 Aug 15;66(4):722–32

DNA alterations at proto-oncogene loci and their clinical significance in operable non-small cell lung cancer. Hajj C, et al. **Cancer** 1990 Aug 15;66(4):733–9

The use of biomarkers in the prediction of survival in patients with pulmonary carcinoma. Walop W, et al. **Cancer** 1990 May 1;65(9):2033–46

Cytologic diagnosis in bronchoalveolar lavage specimens. A diagnostic technique for lung neoplasmas with a peripheral location [letter] Bellmunt J, et al. **Chest** 1990 Aug; 98(2):513–4

Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chan AL, et al. **Chest** 1990 Aug;98(2):271–5

Bilateral spontaneous pneumothoraces caused by metastatic ovarian granulosa cell tumor. Davidson PG, et al. **Chest** 1990 Aug;98(2):503–5

Metastatic renal cell carcinoma. An unusual cause of syncope. Fogel RI, et al. **Chest** 1990 Aug;98(2):481–2

Diagnostic studies in catamenial hemoptysis [editorial] Guidry GG, et al. **Chest** 1990 Aug;98(2):260–1

Bronchoesophageal fistula in small cell lung cancer [letter] Koval JC, et al. **Chest** 1990 Aug;98(2):512–3

Airway carcinoembryonic antigen concentrations in patients with central lung cancer or chronic bronchitis. Wesselius LJ, et al. **Chest** 1990 Aug;98(2):393–7

Decision analysis for management of solitary pulmonary nodules [letter] Lillington GA. **Mayo Clin Proc** 1990 Jul; 65(7):1029–30

Lung cancer and exposure to tobacco smoke in the household. Janerich DT, et al. **N Engl J Med** 1990 Sep 6;323(10):632–6

K-ras oncogene activation as a prognostic marker in adenocarcinoma of the lung. Slebos RJ, et al. **N Engl J Med** 1990 Aug 30;323(9):561–5

Evolution of brain MRI abnormalities in limbic encephalitis. Dirr LY, et al. **Neurology** 1990 Aug;40(8):1304–6

Late recurrence of clear-cell adenocarcinoma of the cervix: case report. Burks RT, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):525–7

Lobar bronchioloalveolar carcinoma: "angiogram sign" on CT scans. Im JG, et al. **Radiology** 1990 Sep;176(3):749–53

Lung: spiral volumetric CT with single-breath-hold technique. Vock P, et al. **Radiology** 1990 Sep;176(3):864–7

LUNG TRANSPLANTATION

Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Kramer MR, et al. **Ann Intern Med** 1990 Aug 15;113(4):327–9

Oxygen free radical scavengers decrease reperfusion injury in lung transplantation. Detterbeck FC, et al. **Ann Thorac Surg** 1990 Aug;50(2):204–9; discussion 209–10

Organ procurement for pulmonary transplantation [letter] Ribet ME, et al. **Ann Thorac Surg** 1990 Aug;50(2):335–6

Donor selection for single and double lung transplantation. Chest size matching and other factors influencing posttransplantation vital capacity. Miyoshi S, et al. **Chest** 1990 Aug;98(2):308–13

Single-lung transplantation in pulmonary emphysema [letter] Sleiman C, et al. **N Engl J Med** 1990 Aug 23;323(8):551–2

Aerosolized cyclosporine as single-agent immunotherapy in canine lung allografts. Dowling RD, et al. **Surgery** 1990 Aug;108(2):198–204; discussion 204–5

LUNG VOLUME MEASUREMENTS

Adverse effects of large tidal volume and low PEEP in canine acid aspiration. Corbridge TC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):311–5

Mechanisms for reduced total lung capacity at birth and during hyaline membrane disease in premature newborn monkeys. Jackson JC, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):413–9

Determinants of alveolar nitrogen slope and closing volumes in healthy adolescents. Teculescu DB, et al. **Am Rev Respir Dis** 1990 Sep;142(3):607–15

Is distal sampling of end-tidal CO2 necessary in small subjects? Rich GF, et al. **Anesthesiology** 1990 Aug; 73(2):265–8

Variations of respiratory impedance with lung volume in bronchial hyperreactivity. van den Elshout FJ, et al. **Chest** 1990 Aug;98(2):358–64

Long-term reproducibility of tests of small airways function. Comparisons with spirometry. Vollmer WM, et al. **Chest** 1990 Aug;98(2):303–7

LUPUS ERYTHEMATOSUS, SYSTEMIC

Systemic lupus erythematosus: analysis of disease activity in 55 patients with end-stage renal failure treated with hemodialysis or continuous ambulatory peritoneal dialysis. Dutch Working Party on SLE. Nossent HC, et al. **Am J Med** 1990 Aug;89(2):169–74

Large subcutaneous calcification in systemic lupus erythematosus. Nomura M, et al. **Arch Dermatol** 1990 Aug; 126(8):1057–9

Extensive calcinosis cutis with systemic lupus erythematosus. Rothe MJ, et al. **Arch Dermatol** 1990 Aug;126(8):1060–3

CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Linker-Israeli M, et al. **Arthritis Rheum** 1990 Aug;33(8):1216–25 (52 ref.)

Intravenous immunoglobulin therapy in systemic lupus erythematosus-associated thrombocytopenia. Maier WP, et al. **Arthritis Rheum** 1990 Aug;33(8):1233–9

Glycoprotein specificity of cold-reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Mimura T, et al. **Arthritis Rheum** 1990 Aug; 33(8):1226–32

Autoantibodies against different histone H1 subtypes in systemic lupus erythematosus sera. Wesierska-Gadek J, et al. **Arthritis Rheum** 1990 Aug;33(8):1273–8

Systemic lupus erythematosus and right recurrent laryngeal nerve palsy. Gordon T, et al. **Br J Rheumatol** 1990 Aug; 29(4):308–9

Cardiac abnormalities in systemic lupus erythematosus. Association with raised anticardiolipin antibodies [see comments] Nihoyannopoulos P, et al. **Circulation** 1990 Aug; 82(2):369–75. Comment in: Circulation 1990 Aug;82(2):636–8.

Antiphospholipid antibodies. A marker of lupus carditis? [comment] O'Rourke RA. **Circulation** 1990 Aug; 82(2):636–8. Comment on: Circulation 1990 Aug;82(2):369–75.

Lack of association between slow acetylator status and spontaneous lupus erythematosus. Kumana CR, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):208–13

Diagnosis by fiat [letter] Buhner D. **Hosp Pract [Off]** 1990 Aug 15;25(8):17

HLA-DQ gene complementation and other histocompatibility relationships in man with the anti-Ro/SSA autoantibody response of systemic lupus erythematosus. Fujisaku A, et al. **J Clin Invest** 1990 Aug; 86(2):606–11

Uniparental isodisomy 6 associated with deficiency of the fourth component of complement. Welch TR, et al. **J Clin Invest** 1990 Aug;86(2):675–8

Acute myocardial infarction in pediatric systemic lupus erythematosus. Friedman DM, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):263–6

Lack of association between anticardiolipin antibodies and heart valve disease in Chinese patients with systemic lupus erythematosus [letter] Li EK, et al. **Lancet** 1990 Aug 25; 336(8713):504–5

LYME DISEASE

Lyme borreliosis in laboratory animals: effect of host species and in vitro passage of Borrelia burgdorferi. Moody KD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):87–92

Ceftriaxone therapy of chronic inflammatory arthritis. A double-blind placebo controlled trial. Caperton EM, et al. **Arch Intern Med** 1990 Aug;150(8):1677–82

Possible Lyme carditis—not definite [letter] Luger SW. **Arch Intern Med** 1990 Aug;150(8):1755

Borrelia burgdorferi: survival in experimentally infected human blood processed for transfusion. Johnson SE, et al. **J Infect Dis** 1990 Aug;162(2):557–9

Diagnostic tests for Lyme disease [letter] **JAMA** 1990 Aug 8;264(6):692–3

LYMPH

Reduction of lymphorrhagia from ruptured thoracic duct by somatostatin [letter] Ulibarri JI, et al. **Lancet** 1990 Jul 28; 336(8709):258

LYMPH NODE EXCISION

Axillary dissection in melanoma. Prognostic variables in node-positive patients. Bevilacqua RG, et al. **Ann Surg** 1990 Aug;212(2):125–31

Complications and local recurrence following lymphadenectomy. Shaw JH, et al. **Br J Surg** 1990 Jul; 77(7):760–4

Lymph node metastasis in resectable esophageal cancer [see comments] Abe S, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):287–91. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):314–6.

Invited letter concerning: lymph node metastasis in resectable esophageal disease [letter; comment] McElvein RB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):314–6. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):287–9.

Nerve-preserving bilateral retroperitoneal lymphadenectomy: anatomical study and operative approach. Colleselli K, et al. **J Urol** 1990 Aug;144(2 Pt 1):293–7; discussion 297–8

Nerve-sparing retroperitoneal lymphadenectomy with preservation of ejaculation. Donohue JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):287–91; discussion 291–2

LYMPH NODES

HIV-1 infection and virus production in follicular dendritic cells in lymph nodes. A case report, with analysis of isolated follicular dendritic cells. Parmentier HK, et al. **Am J Pathol** 1990 Aug;137(2):247–51

Painful lymphatic occlusion following axillary lymph node surgery. Marcus RT, et al. **Br J Surg** 1990 Jun;77(6):683

The prognostic significance of number of positive nodes in cervical carcinoma stages IB, IIA, and IIB. Inoue T, et al. **Cancer** 1990 May 1;65(9):1923–7

Biosynthesis pathway of gp90MEL-14, the mouse lymph node-specific homing receptor. van de Rijn M, et al. **J Immunol** 1990 Sep 1;145(5):1477–82

Haemangioma in a cervical lymph node. Har-El G, et al. **J Laryngol Otol** 1990 Jun;104(6):513–5

Enlargement of regional lymph nodes in renal cell carcinoma is often not due to metastases. Studer UE, et al. **J Urol** 1990 Aug;144(2 Pt 1):243–5

Reduction of lymphorrhagia from ruptured thoracic duct by somatostatin [letter] Ulibarri JI, et al. **Lancet** 1990 Jul 28; 336(8709):258

LYMPHADENITIS

Severe streptococcal axillary lymphadenitis. Boyce JM. **N Engl J Med** 1990 Sep 6;323(10):655–8

LYMPHANGIOMA

Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Bardeguez A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):42–5
Spontaneous resolution of a nuchal fetal cystic hygroma diagnosed early in the second trimester of pregnancy [letter] Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):267–9

LYMPHATIC DISEASES

Painful lymphatic occlusion following axillary lymph node surgery. Marcus RT, et al. **Br J Surg** 1990 Jun;77(6):683
Haemangioma in a cervical lymph node. Har-El G, et al. **J Laryngol Otol** 1990 Jun;104(6):513–5
Episodic macroglossia in Down's syndrome. Padgham ND, et al. **J Laryngol Otol** 1990 Jun;104(6):494–6
Lymphadenopathy associated with severe hypertriglyceridemia. Leaf DA, et al. **JAMA** 1990 Aug 8;264(6):727–8

LYMPHATIC METASTASIS

Lymph node metastasis from melanoma with an unknown primary site. Jonk A, et al. **Br J Surg** 1990 Jun;77(6):665–8
Complications and local recurrence following lymphadenectomy. Shaw JH, et al. **Br J Surg** 1990 Jul; 77(7):760–4
Topographic criteria in the diagnosis of tumor emboli in intramammary lymphatics. Orbo A, et al. **Cancer** 1990 Sep 1;66(5):972–7
Enlargement of regional lymph nodes in renal cell carcinoma is often not due to metastases. Studer UE, et al. **J Urol** 1990 Aug;144(2 Pt 1):243–5

LYMPHATIC SYSTEM

Medical ignorance, AIDS-Kaposi's sarcoma complex, and the lymphatic system [see comments] Witte MH, et al. **West J Med** 1990 Jul;153(1):17–23. Comment in: West J Med 1990 Jul;153(1):76–7.

LYMPHOCYTE DEPLETION

Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Grimfors G, et al. **Blood** 1990 Aug 1; 76(3):583–9

LYMPHOCYTE TRANSFORMATION

Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Naz RK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):610–3
Lymphocyte responses to food antigens in patients with atopic dermatitis who are sensitive to foods. Kondo N, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):253–60
Immune response to polyglycolic acid implants. Santavirta S, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):597–600
Identification of activated T cell receptor gamma delta lymphocytes in the liver of tumor-bearing hosts. Seki S, et al. **J Clin Invest** 1990 Aug;86(2):409–15
Cellular control of IgE induction by a polyphenol-rich compound. Preferential activation of Th2 cells. Baum CG, et al. **J Immunol** 1990 Aug 1;145(3):779–84
Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. Cardenas L, et al. **J Immunol** 1990 Sep 1;145(5):1450–5
Down-regulation of IL-2 production by activation of T cells through Ly-6A/E. Codias EK, et al. **J Immunol** 1990 Sep 1;145(5):1407–14
Fibronectin promotes proliferation of naive and memory T cells by signaling through both the VLA-4 and VLA-5 integrin molecules. Davis LS, et al. **J Immunol** 1990 Aug 1;145(3):785–93
Activation of CD4+ lymphocytes by syngeneic brain microvascular smooth muscle cells. Fabry Z, et al. **J Immunol** 1990 Aug 15;145(4):1099–104
Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen-induced suppressor T cells down-regulate proliferation and IL-2 production. Fidel PL Jr, et al. **J Immunol** 1990 Aug 15;145(4):1257–64
Accessory cell-independent stimulation of human T cells by streptococcal M protein superantigen. Kotb M, et al. **J Immunol** 1990 Sep 1;145(5):1332–6
Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42
The autocrine production of transforming growth factor-beta 1 during lymphocyte activation. A study with a monoclonal antibody-based ELISA. Lucas C, et al. **J Immunol** 1990 Sep 1;145(5):1415–22
CD27 induction on thymocytes. Martorell J, et al. **J Immunol** 1990 Sep 1;145(5):1356–63
Evidence for a new HLA determinant that causes T cell activation without costimulation. Mittler RS, et al. **J Immunol** 1990 Aug 1;145(3):794–803
Head injury: an immunologic deficit in T-cell activation. Hoyt DB, et al. **J Trauma** 1990 Jul;30(7):759–66; discussion 766–7
The trouble with T cells [letter] Ascher MS, et al. **Lancet** 1990 Aug 25;336(8713):507

LYMPHOCYTES

A structured psychiatric intervention for cancer patients. II. Changes over time in immunological measures. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):729–35
CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Linker-Israeli M, et al. **Arthritis Rheum** 1990 Aug;33(8):1216+25 (52 ref.)
Glycoprotein specificity of cold-reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Mimura T, et al. **Arthritis Rheum** 1990 Aug; 33(8):1226–32
Flow cytometric analysis of expression of interleukin-2 receptor beta chain (p70-75) on various leukemic cells. Hoshino S, et al. **Blood** 1990 Aug 15;76(4):767–74
Cell surface alteration in Epstein-Barr virus-transformed cells from patients with extreme insulin resistance. Gorden DL, et al. **Diabetes** 1990 Aug;39(8):924–7
Induction of human thyroid cell ICAM-1 (CD54) antigen expression and ICAM-1-mediated lymphocyte binding. Martin A, et al. **Endocrinology** 1990 Aug;127(2):651–7
CD38 molecule: structural and biochemical analysis on human T lymphocytes, thymocytes, and plasma cells. Alessio M, et al. **J Immunol** 1990 Aug 1;145(3):878–84
Responses of mouse lymphocytes to extracellular ATP. II. Extracellular ATP causes cell type-dependent lysis and DNA fragmentation. Zanovello P, et al. **J Immunol** 1990 Sep 1;145(5):1545–50
Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. **N Engl J Med** 1990 Aug 30; 323(9):570–8. Comment in: N Engl J Med 1990 Aug 30;323(9):601–3.
Arginine enhances wound healing and lymphocyte immune responses in humans. Barbul A, et al. **Surgery** 1990 Aug; 108(2):331–6; discussion 336–7

B-LYMPHOCYTES

Evidence that chronic lymphocytic leukemia B lymphocytes are frequently committed to production of natural autoantibodies. Borche L, et al. **Blood** 1990 Aug 1; 76(3):562–9
Medullary carcinoma with lymphocytic infiltration of the stomach. Clinicopathologic study of 27 cases and immunohistochemical analysis of the subpopulations of infiltrating lymphocytes in the tumor. Minamoto T, et al. **Cancer** 1990 Sep 1;66(5):945–52
Association between IL-6 and CD40 signaling. IL-6 induces phosphorylation of CD40 receptors. Clark EA, et al. **J Immunol** 1990 Sep 1;145(5):1400–6
Divergent activities of protein kinases in IL-6-induced differentiation of a human B cell line. Goldstein H, et al. **J Immunol** 1990 Aug 1;145(3):952–61
Endocytosis and recycling of MHC-encoded class II molecules by mouse B lymphocytes. Machy P, et al. **J Immunol** 1990 Sep 1;145(5):1350–5
Association of Ig L chain-like protein lambda 5 with a 16-kilodalton protein in mouse pre-B cell lines is not dependent on the presence of Ig H chain protein. Misener V, et al. **J Immunol** 1990 Aug 1;145(3):905–9
Lymphokine-regulated differential expression of mRNA for p75kDa-IL-2R and p55kDa-IL-2R in a cloned B lymphoma line (BLC1-CL-3 cells). Nakanishi K, et al. **J Immunol** 1990 Sep 1;145(5):1423–9
High frequency expression of S107 VH genes by peritoneal B cells of B10.H-2aH-4bP/WTS mice. Pennell CA, et al. **J Immunol** 1990 Sep 1;145(5):1592–7
BP-1/6C3 expression defines a differentiation stage of transformed pre-B cells and is not related to malignant potential. Ramakrishnan L, et al. **J Immunol** 1990 Sep 1; 145(5):1603–8
MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. St.-Pierre Y, et al. **J Immunol** 1990 Aug 1; 145(3):812–8

T-LYMPHOCYTES

Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Grimfors G, et al. **Blood** 1990 Aug 1; 76(3):583–9
Peripheral blood lymphocytes of nonleukemic lymphoma patients exhibit aberrant expression of T-cell activation markers after polyclonal stimulation in vitro. Mangge H, et al. **Cancer** 1990 Aug 15;66(4):677–83
Medullary carcinoma with lymphocytic infiltration of the stomach. Clinicopathologic study of 27 cases and immunohistochemical analysis of the subpopulations of infiltrating lymphocytes in the tumor. Minamoto T, et al. **Cancer** 1990 Sep 1;66(5):945–52
Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Hatamori N, et al. **Diabetes** 1990 Sep;39(9):1070–8
Relation between T cell number and epithelial HLA class II expression quantified by image analysis in normal and inflamed human gastric mucosa. Valnes K, et al. **Gut** 1990 Jun;31(6):647–52
Gamma/delta T cells in the gut epithelium. Viney J, et al. **Gut** 1990 Aug;31(8):841–4 (34 ref.)
Growth hormone mediates the growth of T-lymphoblast cell lines via locally generated insulin-like growth factor-I. Geffner ME, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):464–9
Paradoxical expression of adenosine deaminase in T cells cultured from a patient with adenosine deaminase deficiency and combine immunodeficiency. Arredondo-Vega FX, et al. **J Clin Invest** 1990 Aug; 86(2):444–52
Identification of activated T cell receptor gamma delta lymphocytes in the liver of tumor-bearing hosts. Seki S, et al. **J Clin Invest** 1990 Aug;86(2):409–15
Preferential localisation of human lymphocytes bearing gamma delta T cell receptors to the red pulp of the spleen. Bordessoule D, et al. **J Clin Pathol** 1990 Jun;43(6):461–4
Clonality of T cell and phenotypically undefined lymphoid neoplasms: the value of genotypic analyses. Hodges E, et al. **J Clin Pathol** 1990 Jul;43(7):548–53
CD38 molecule: structural and biochemical analysis on human T lymphocytes, thymocytes, and plasma cells. Alessio M, et al. **J Immunol** 1990 Aug 1;145(3):878–84
NK1.1+ thymocytes. Adult murine CD4-, CD8- thymocytes contain an NK1.1+, CD3+, CD5hi, CD44hi, TCR-V beta 8+ subset. Ballas ZK, et al. **J Immunol** 1990 Aug 15;145(4):1039–45
IL-4 production by T cells from naive donors. IL-2 is required for IL-4 production. Ben-Sasson SZ, et al. **J Immunol** 1990 Aug 15;145(4):1127–36
Regulation and development of cytochrome c-specific IL-4-producing T cells. Betz M, et al. **J Immunol** 1990 Aug 15;145(4):1046–52
Post-transcriptional regulation of granulocyte-macrophage colony-stimulating factor synthesis in murine T cells. Bickel M, et al. **J Immunol** 1990 Aug 1;145(3):840–5
Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. Cardenas L, et al. **J Immunol** 1990 Sep 1;145(5):1450–5
Down-regulation of IL-2 production by activation of T cells through Ly-6A/E. Codias EK, et al. **J Immunol** 1990 Sep 1;145(5):1407–14
The identification of an Onchocerca-specific recombinant antigen containing a T cell epitope. Colina KF, et al. **J Immunol** 1990 Sep 1;145(5):1551–6
Fibronectin promotes proliferation of naive and memory T cells by signaling through both the VLA-4 and VLA-5 integrin molecules. Davis LS, et al. **J Immunol** 1990 Aug 1;145(3):785–93
Sequential mechanisms of cyclophosphamide-induced skin allograft tolerance including the intrathymic clonal deletion followed by late breakdown of the clonal deletion. Eto M, et al. **J Immunol** 1990 Sep 1;145(5):1303–10
T cell receptor delta-gene expression and diversity in the mouse spleen. Ezquerra A, et al. **J Immunol** 1990 Sep 1; 145(5):1311–7
T cells bind to cytokine-activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule-1. Graber N, et al. **J Immunol** 1990 Aug 1;145(3):819–30
Expression and function of a 90-kilodalton homodimeric molecule (10D1 antigen) on human thymocytes. Kobata T, et al. **J Immunol** 1990 Aug 15;145(4):1053–8
Accessory cell-independent stimulation of human T cells by streptococcal M protein superantigen. Kotb M, et al. **J Immunol** 1990 Sep 1;145(5):1332–6
Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42
Role of recurrent hydrophobic residues in catalysis of helix formation by T cell-presented peptides in the presence of lipid vesicles. Lu S, et al. **J Immunol** 1990 Aug 1; 145(3):899–904
Agents that elevate cAMP stimulate DNA fragmentation in thymocytes. McConkey DJ, et al. **J Immunol** 1990 Aug 15;145(4):1227–30
CD27 induction on thymocytes. Martorell J, et al. **J Immunol** 1990 Sep 1;145(5):1356–63
Evidence for a new HLA determinant that causes T cell activation without costimulation. Mittler RS, et al. **J Immunol** 1990 Aug 1;145(3):794–803
Differentiation and functional maturation of bone marrow-derived intestinal epithelial T cells expressing membrane T cell receptor in athymic radiation chimeras. Mosley RL, et al. **J Immunol** 1990 Sep 1;145(5):1369–75
Role of CD4+ T cells and T-independent mechanisms in acquired resistance to Salmonella typhimurium infection. Nauciel C. **J Immunol** 1990 Aug 15;145(4):1265–9
IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. Nieto MA, et al. **J Immunol** 1990 Sep 1;145(5):1364–8
Inhibitory effect of murine recombinant IL-4 on thymocyte development in fetal thymus organ cultures. Plum J, et al. **J Immunol** 1990 Aug 15;145(4):1066–73
Generation of class I MHC-restricted T-T hybridomas. Rock KL, et al. **J Immunol** 1990 Aug 1;145(3):804–11
Heat shock induction of HIV production from chronically infected promonocytic and T cell lines. Stanley SK, et al. **J Immunol** 1990 Aug 15;145(4):1120–6
The trouble with T cells [letter] Ascher MS, et al.

Lancet 1990 Aug 25;336(8713):507
HLA-DR3 and immunoresponsiveness [letter] Caruso C, et al. **Lancet** 1990 Aug 25;336(8713):506-7

T-LYMPHOCYTES, CYTOTOXIC

Doxorubicin-induced alterations in cultured myocardial cells stimulate cytolytic T lymphocyte responses. Huber SA. **Am J Pathol** 1990 Aug;137(2):449-56
Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. Browning MJ, et al. **J Immunol** 1990 Aug 1;145(3):985-94
Free fatty acids inhibit cytotoxic T lymphocyte-mediated lysis of allogeneic target cells. Richieri GV, et al. **J Immunol** 1990 Aug 15;145(4):1074-7
IL-2 and IL-6 synergize to augment the pore-forming protein gene expression and cytotoxic potential of human peripheral blood T cells. Smyth MJ, et al. **J Immunol** 1990 Aug 15;145(4):1159-66

T4 LYMPHOCYTES

Increasing viral burden in CD4+ T cells from patients with human immunodeficiency virus (HIV) infection reflects rapidly progressive immunosuppression and clinical disease. Schnittman SM, et al. **Ann Intern Med** 1990 Sep 15; 113(6):438-43
CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Linker-Israeli M, et al. **Arthritis Rheum** 1990 Aug;33(8):1216-25 (52 ref.)
Adoptive transfer of diabetes in BB rats induced by CD4 T lymphocytes. Métroz-Dayer MD, et al. **Diabetes** 1990 Aug;39(8):928-32
Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. Doukas J, et al. **J Immunol** 1990 Aug 15; 145(4):1088-98
Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. Ernst DN, et al. **J Immunol** 1990 Sep 1; 145(5):1295-302
Activation of CD4+ lymphocytes by syngeneic brain microvascular smooth muscle cells. Fabry Z, et al. **J Immunol** 1990 Aug 15;145(4):1099-104
A T cell receptor V alpha region selectively expressed in CD4+ cells. Jameson SC, et al. **J Immunol** 1990 Sep 1; 145(5):1324-31
The in vivo elimination of CD4+ T cells prevents the induction but not the expression of carrier-induced epitopic suppression. Leclerc C, et al. **J Immunol** 1990 Sep 1; 145(5):1343-9
Role of CD4+ T cells and T-independent mechanisms in acquired resistance to Salmonella typhimurium infection. Nauciel C. **J Immunol** 1990 Aug 15;145(4):1265-9
Pneumocystis carinii pneumonia in infants infected with the human immunodeficiency virus with more than 450 CD4 T lymphocytes per cubic millimeter. Leibovitz E, et al. **N Engl J Med** 1990 Aug 23;323(8):531-3

LYMPHOCYTES, NULL

A distinct population of nonphagocytic and low level CD4+ null lymphocytes produce IFN-alpha after stimulation by herpes simplex virus-infected cells. Sandberg K, et al. **J Immunol** 1990 Aug 1;145(3):1015-20

LYMPHOID TISSUE

Nasopharyngeal lymphatic tissue in patients infected with human immunodeficiency virus. A prospective clinicopathologic study. Barzan L, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):928-31

LYMPHOMA

Inflammatory pseudotumor of lymph nodes. Immunohistochemical evidence for its fibrohistiocytic nature. Facchetti F, et al. **Am J Pathol** 1990 Aug; 137(2):281-9
Angiotrophic lymphoma. Presentation in uterine vessels with cytogenetic studies. Davey DD, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):879-82
Gastrointestinal lymphoma. A case for primary surgical resection. Talamonti MS, et al. **Arch Surg** 1990 Aug; 125(8):972-6; discussion 976-7
High-dose etoposide and cyclophosphamide without bone marrow transplantation for resistant hematologic malignancy. Brown RA, et al. **Blood** 1990 Aug 1; 76(3):473-9
Treatment of low-grade and intermediate-grade lymphoma with intensive combination chemotherapy results in long-term, disease-free survival. Licht JD, et al. **Cancer** 1990 Aug 15;66(4):632-9
Peripheral blood lymphocytes of nonleukemic lymphoma patients exhibit aberrant expression of T-cell activation markers after polyclonal stimulation in vitro. Mangge H, et al. **Cancer** 1990 Aug 15;66(4):677-83
Idiotype vaccination against murine B cell lymphoma. Humoral and cellular requirements for the full expression of antitumor immunity. Campbell MJ, et al. **J Immunol** 1990 Aug 1;145(3):1029-36
Comparison of immunoscintigraphy and colloid scintigraphy of bone marrow [letter] Munz DL, et al. **Lancet** 1990 Jul 28;336(8709):258-9
Primary central nervous system lymphoma: analysis of prognostic variables and patterns of treatment failure. Michalski JM, et al. **Radiology** 1990 Sep;176(3):855-60

LYMPHOMA, HISTIOCYTIC

Fungal infection with non-Hodgkin's lymphoma [letter] Roth B, et al. **Chest** 1990 Aug;98(2):512

LYMPHOMA, NON-HODGKIN'S

Detection of intracavitary right ventricular polypoid masses due to metastatic lymphoma using contrast echocardiography. Schmidt DR, et al. **Am Heart J** 1990 Aug;120(2):446-9
Chagas' disease: lymphoma growth in rabbits treated with Benznidazole. Teixeira AR, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):146-58
Development of non-Hodgkin lymphoma in a cohort of patients with severe human immunodeficiency virus (HIV) infection on long-term antiretroviral therapy. Pluda JM, et al. **Ann Intern Med** 1990 Aug 15;113(4):276-82
Non-Hodgkin's lymphoma of the adrenal gland. Choi CH, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):883-5 (14 ref.)
Molecular genetics of gastrointestinal non-Hodgkin's lymphomas: unusual prevalence and pattern of c-myc rearrangements in aggressive lymphomas. van Krieken JH, et al. **Blood** 1990 Aug 15;76(4):797-800
Composite Hodgkin's and non-Hodgkin's lymphoma in a patient with acquired immune deficiency syndrome. In-situ demonstration of Epstein-Barr virus. Guarner J, et al. **Cancer** 1990 Aug 15;66(4):796-800
Hodgkin's disease after non-Hodgkin's malignant lymphoma in acquired immune deficiency syndrome. Senaldi E, et al. **Cancer** 1990 Sep 1;66(5):960-4
Improved survival rate in primary intracranial lymphoma treated by high-dose radiation and systemic vincristine-doxorubicin-cyclophosphamide-prednisolone chemotherapy. Shibamoto Y, et al. **Cancer** 1990 May 1; 65(9):1907-12
Cerebral lymphomas: review of 70 cases. Adams JH, et al. **J Clin Pathol** 1990 Jul;43(7):544-7
Clonality of T cell and phenotypically undefined lymphoid neoplasms: the value of genotypic analyses. Hodges E, et al. **J Clin Pathol** 1990 Jul;43(7):548-53
Risk of non-Hodgkin lymphoma and Kaposi's sarcoma in homosexual men [letter] Rabkin CS, et al. **Lancet** 1990 Jul 28;336(8709):248-9

LYMPHOPROLIFERATIVE DISORDERS

Differential expression of CD54/intercellular adhesion molecule-1 in myeloid leukemias and in lymphoproliferative disorders. Maio M, et al. **Blood** 1990 Aug 15;76(4):783-90

LYMPHOTOXIN

Tumor necrosis factor alpha and lymphotoxin production in Hodgkin's disease. Kretschmer C, et al. **Am J Pathol** 1990 Aug;137(2):341-51

MACROGLOSSIA

Episodic macroglossia in Down's syndrome. Padgham ND, et al. **J Laryngol Otol** 1990 Jun;104(6):494-6

MACROPHAGE ACTIVATION

Involvement of tumor necrosis factor-alpha in the pathogenesis of activated macrophage-mediated hepatitis in mice. Nagakawa J, et al. **Gastroenterology** 1990 Sep; 99(3):758-65
Activation of C3H/HeJ macrophage tumoricidal activity and cytokine release by R-chemotype lipopolysaccharide preparations. Differential effects of IFN-gamma. Flebbe LM, et al. **J Immunol** 1990 Sep 1;145(5):1505-11

MACROPHAGES

Lipoprotein degradation and cholesterol esterification in primary cell cultures of rabbit atherosclerotic lesions. Jaakkola O, et al. **Am J Pathol** 1990 Aug;137(2):457-65
Inhibition of alveolar macrophage spreading and phagocytosis by cotton bract tannin. A potential mechanism in the pathogenesis of byssinosis. Kreofsky TJ, et al. **Am J Pathol** 1990 Aug;137(2):263-74
Recognition of N-glycosidic carbohydrates on esophageal carcinoma cells by macrophage cell line THP-1. Takano R, et al. **Am J Pathol** 1990 Aug;137(2):393-401
Characteristics of alveolar macrophages in an animal model of resolving pulmonary inflammation. Dal Nogare AR, et al. **Am Rev Respir Dis** 1990 Sep;142(3):660-7
Effect of sulfur dioxide on pulmonary macrophage endocytosis at rest and during exercise. Skornik WA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):655-9
IL-2. A cofactor for induction of activated macrophage resistance to infection. Belosevic M, et al. **J Immunol** 1990 Aug 1;145(3):831-9
Regulation of tumor necrosis factor gene expression and protein synthesis in murine macrophages treated with recombinant tumor necrosis factor. Descoteaux A, et al. **J Immunol** 1990 Aug 1;145(3):846-53
Macrophage deactivating factor and transforming growth factors-beta 1 -beta 2 and -beta 3 inhibit induction of macrophage nitrogen oxide synthesis by IFN-gamma. Ding A, et al. **J Immunol** 1990 Aug 1;145(3):940-4
Induction and regulation of IL-4 receptor expression on murine macrophage cell lines and bone marrow-derived macrophages by IFN-gamma. Feldman GM, et al. **J Immunol** 1990 Aug 1;145(3):854-9
Activation of C3H/HeJ macrophage tumoricidal activity and cytokine release by R-chemotype lipopolysaccharide preparations. Differential effects of IFN-gamma. Flebbe LM, et al. **J Immunol** 1990 Sep 1;145(5):1505-11
Differentiation of the IL-3-dependent NFS-60 cell line and adaption to growth in macrophage colony-stimulating factor. Nakoinz I, et al. **J Immunol** 1990 Aug 1;145(3):860-4
Down-regulation of mannose receptor activity in macrophages after treatment with lipopolysaccharide and phorbol esters. Shepherd VL, et al. **J Immunol** 1990 Sep 1;145(5):1530-6
Stimulation of alpha-adrenergic receptor augments the production of macrophage-derived tumor necrosis factor. Spengler RN, et al. **J Immunol** 1990 Sep 1;145(5):1430-4
Combined effects of tumor necrosis factor-alpha, prostaglandin E2, and corticosterone on induced Ia expression on murine macrophages. Zimmer T, et al. **J Immunol** 1990 Aug 15;145(4):1167-75
From the National Institutes of Health. Raub W. **JAMA** 1990 Sep 5;264(9):1086
Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Ertel W, et al. **Surgery** 1990 Aug;108(2):154-9; discussion 159-60
Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps. Swallow CJ, et al. **Surgery** 1990 Aug;108(2):363-8; discussion 368-9

MACULA LUTEA

Diagnostic clinical findings of a new syndrome with night blindness, maculopathy, and enhanced S cone sensitivity. Marmor MF, et al. **Am J Ophthalmol** 1990 Aug 15; 110(2):124-34

MACULAR DEGENERATION

Macular degeneration. A devastating but treatable disease. Farber ME, et al. **Postgrad Med** 1990 Aug;88(2):181-3

MADUROMYCOSIS

Endocarditis and hip arthritis associated with Scedosporium inflatum. Toy EC, et al. **South Med J** 1990 Aug; 83(8):957-60 (17 ref.)

MAGNESIUM

Magnesium supplementation in pregnancy [letter] Spätling L, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):240-1
The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al. **Ann Emerg Med** 1990 Jul;19(7):785-8
Attenuated vasodilator responses to Mg2+ in young patients with borderline hypertension. Fujita T, et al. **Circulation** 1990 Aug;82(2):384-93
Effects of magnesium salts in preventing experimental oxalate urolithiasis in rats. Ogawa Y, et al. **J Urol** 1990 Aug;144(2 Pt 1):385-9

MAGNESIUM SULFATE

Combination therapy has potential complications [letter] Frohlich EP. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):244
Nifedipine enhances the cardiac toxicity of magnesium sulfate in the isolated perfused Sprague-Dawley rat heart. Thorp JM Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):655-6

MAGNETIC RESONANCE IMAGING

Osteochondritis dissecans of the knee: value of MR imaging in determining lesion stability and the presence of articular cartilage defects. De Smet AA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):549-53
MR imaging in patients with temporal lobe seizures: correlation of results with pathologic findings. Heinz ER, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):581-6
Thymic masses on MR imaging. Molina PL, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):495-500
Contrast-enhanced MR imaging of the facial nerve in 11 patients with Bell's palsy. Tien R, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):573-9
Diagnosis of a false left ventricular aneurysm with magnetic resonance imaging. Pollak H, et al. **Am Heart J** 1990 Sep; 120(3):706-8

Study of internal structure of the human fetus in utero by echo-planar magnetic resonance imaging. Johnson IR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):601-7
Laryngeal mask and magnetic resonance imaging [letter] Rafferty C, et al. **Anaesthesia** 1990 Jul;45(7):590-1
Neoplastic angioendotheliomatosis. Raroque HG Jr, et al. **Arch Neurol** 1990 Aug;47(8):929-30
Patterns of disease activity in multiple sclerosis [letter] Thompson AJ, et al. **BMJ** 1990 Jul 7;301(6742):44-5
Discovertebral destruction in ankylosing spondylitis: the role of computed tomography and magnetic resonance imaging. Kenny JB, et al. **Br J Radiol** 1990 Jun;63(750):448-55
Ultrafast magnetic resonance scanning of the liver with echo-planar imaging. Stehling MK, et al. **Br J Radiol** 1990 Jun;63(750):430-7
Dementia in schizophrenia. Magnetic resonance and clinical correlates. Rossi A, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):521-4
Correlation of brain mapping and MR imaging [letter] Levesque MF. **J Neurosurg** 1990 Sep;73(3):474
Comparison of magnetic resonance imaging and ultrasonography in staging early prostate cancer. Results of a multi-institutional cooperative trial. Rifkin MD, et al. **N Engl J Med** 1990 Sep 6;323(10):621-6
Evolution of brain MRI abnormalities in limbic encephalitis. Dirr LY, et al. **Neurology** 1990 Aug;40(8):1304-6
Magnetic resonance imaging of the shoulder. Kursunoglu-Brahme S, et al. **Radiol Clin North Am** 1990 Sep;28(5):941-54 (14 ref.)
Body MR imaging and the local staging of neoplasms [comment] Aisen AM. **Radiology** 1990 Sep;176(3):617-9. Comment on: Radiology 1990 Sep;176(3):623-8.
Dedicated coil for carotid MR angiography. Anderson CM, et al. **Radiology** 1990 Sep;176(3):868-72
Müllerian duct anomalies: MR imaging evaluation. Carrington BM, et al. **Radiology** 1990 Sep;176(3):715-20
Preoperative staging of rectal carcinoma with MR imaging: surgical and histopathologic correlation [see comments] de Lange EE, et al. **Radiology** 1990 Sep;176(3):623-8. Comment in: Radiology 1990 Sep;176(3):617-9.
Pulmonary vascular cine MR imaging: a noninvasive approach to dynamic imaging of the pulmonary circulation. Gefter WB, et al. **Radiology** 1990 Sep;176(3):761-70
Treatment of choroidal melanoma: MR imaging in the assessment of radioactive plaque position. Hanna SL, et al. **Radiology** 1990 Sep;176(3):851-3
Safety considerations in MR imaging. Kanal E, et al. **Radiology** 1990 Sep;176(3):593-606 (155 ref.)
Pelvic masses in pregnancy: MR imaging. Kier R, et al. **Radiology** 1990 Sep;176(3):709-13
Rheumatoid knee: role of gadopentetate-enhanced MR imaging. Kursunoglu-Brahme S, et al. **Radiology** 1990 Sep; 176(3):831-5
Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791-9
Multichannel biomagnetic system for study of electrical activity in the brain and heart. Schneider S, et al. **Radiology** 1990 Sep;176(3):825-30
Occult cerebrovascular malformations: follow-up with MR imaging. Sigal R, et al. **Radiology** 1990 Sep;176(3):815-9
Hypointense paranasal sinus foci: differential diagnosis with MR imaging and relation to CT findings. Som PM, et al. **Radiology** 1990 Sep;176(3):777-81

MAGNETICS

Accidental deactivation of the automatic implantable cardioverter defibrillator. Bonnet CA, et al. **Am Heart J** 1990 Sep;120(3):696-7
Automatic internal cardioverter defibrillator lockout. Vlay SC, et al. **Am Heart J** 1990 Sep;120(3):697-8
Hearing loss from the acoustic artifact of the coil used in extracranial magnetic stimulation. Counter SA, et al. **Neurology** 1990 Aug;40(8):1159-62

MAJOR HISTOCOMPATIBILITY COMPLEX

Cytotoxic events taking place in the lung of patients with HIV-1 infection. Evidence of an intrinsic defect of the major histocompatibility complex-unrestricted killing partially restored by the incubation with rIL-2. Agostini C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):516-22
Inhibition of cytokine-induced MHC class II but not class I molecule expression on mouse islet cells by niacinamide and 3-aminobenzamide. Yamada K, et al. **Diabetes** 1990 Sep;39(9):1125-30
Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatibility complex. Wasfie T, et al. **Surgery** 1990 Aug;108(2):431-40; discussion 440-1

MALABSORPTION SYNDROMES

Absorption of carbohydrate from rice in Burmese village children and adults. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):342-7
Malabsorption of carbohydrate from rice and child growth: a longitudinal study with the breath-hydrogen test in Burmese village children. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):348-52
Congenital folate malabsorption: reversible clinical and neurophysiologic abnormalities. Steinschneider M, et al. **Neurology** 1990 Aug;40(8):1315

MALARIA

Symposium on Cytoadherence and Cerebral Malaria. Honolulu, HI, 10 December 1989. Proceedings. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):1-41
The pathology of human cerebral malaria. Aikawa M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):30-7 (17 ref.)
Host receptors for malaria-infected erythrocytes. Chulay JD, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):6-14 (37 ref.)
Enzyme immunoassays for detection of malarial antigens in human plasmas by Plasmodium falciparum monoclonal antibodies. Dubarry M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):116-23
Malaria transmission and vector biology in Manarintsoa, high plateaux of Madagascar. Fontenille D, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):107-15
Surface molecules on Plasmodium falciparum-infected erythrocytes involved in adherence. Howard RJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):15-29 (87 ref.)
Renal pathology in owl monkeys in Plasmodium falciparum vaccine trials. Iseki M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):130-8
Cerebral malaria in children: clinical implications of cytoadherence. Molyneux ME. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):38-41 (20 ref.)
Permethrin-impregnated curtains and bed-nets prevent malaria in western Kenya. Sexton JD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):11-8
In vitro and ex-vivo models of sequestration in Plasmodium falciparum infection. Udeinya IJ. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):2-5 (16 ref.)
Mortality from Plasmodium falciparum malaria in travelers from the United States, 1959 to 1987. Greenberg AE, et al. **Ann Intern Med** 1990 Aug 15;113(4):326-7
Congenital malaria in one identical twin [letter] Cummins D, et al. **J Clin Pathol** 1990 Jul;43(7):609
Specificity of hypoglycaemia for cerebral malaria in children. Kawo NG, et al. **Lancet** 1990 Aug 25;336(8713):454-7

MALASSEZIA

Does pityrosporum ovale have a role in psoriasis? [letter] Elewski B. **Arch Dermatol** 1990 Aug;126(8):1111-2
Skin surface electron microscopy in Pityrosporum folliculitis. The role of follicular occlusion in disease and the response to oral ketoconazole. Hill MK, et al. **Arch Dermatol** 1990 Aug;126(8):1071-4

MALIGNANT CARCINOID SYNDROME

Carcinoid tumors and the carcinoid syndrome. Feldman JM. **Curr Probl Surg** 1989 Dec;26(12):829-918 (168 ref.)

MALINGERING

Malingering aided by the use of herbal medicine [letter] Govrin-Yehudain J, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):601-2

MALONATES

Parenteral nutrition in propionic acidemia and methylmalonic acidemia [letter] Walter JH, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):338-9

MALPRACTICE

Impact of legal liability, family wishes, and other "external factors" on physicians' life-support decisions. Perkins HS, et al. **Am J Med** 1990 Aug;89(2):185-94
Avoiding negligent release: contemporary clinical and risk management strategies. Poythress NG Jr. **Am J Psychiatry** 1990 Aug;147(8):994-7
Obstetric accidents [letter] **BMJ** 1990 Jun 23; 300(6740):1651-2
Experts disagree over the cost of defensive medicine. Hudson T. **Hospitals** 1990 Aug 5;64(15):74
Haemophilic AIDS patient loses claim in Australia [news] Brahams D. **Lancet** 1990 Jul 28;336(8709):238-9
Judgment of alleged malpractice [letter] Segest E. **Lancet** 1990 Aug 18;336(8712):444
When is it malpractice to miss breast cancer on mammograms? [letter] Hall FM. **Radiology** 1990 Sep; 176(3):876

MAMMOGRAPHY

Breast diagnostics in clinical gynecology [letter] Cross RW. **Am J Obstet Gynecol** 1990 Aug;163(2):686-7
Breast disease programs and mammography training [letter] Dodd GD, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):689-91
Differential marking of excision planes in screened breast lesions by organically coloured gelatins. Armstrong JS, et al. **J Clin Pathol** 1990 Jul;43(7):604-7
Radial sclerosing lesion of the breast: mammographic features. Adler DD, et al. **Radiology** 1990 Sep;176(3):737-40
When is it malpractice to miss breast cancer on mammograms? [letter] Hall FM. **Radiology** 1990 Sep; 176(3):876
Early breast cancer: detection of recurrence after conservative surgery and radiation therapy. Hassell PR, et al. **Radiology** 1990 Sep;176(3):731-5
Estimation of radiation risk from screening mammography [letter] Koch RL. **Radiology** 1990 Sep;176(3):877

MANAGED CARE PROGRAMS

Utilization management: managed or mangled psychiatric care? [editorial] Sharfstein SS. **Am J Psychiatry** 1990 Aug; 147(8):965-6
Utilization management of mental health services by private third parties. Tischler GL. **Am J Psychiatry** 1990 Aug; 147(8):967-73 (41 ref.)
Managed care plans & denial of care [letter] Morgan MT. **Ann Emerg Med** 1990 Jul;19(7):843

MANDELIC ACIDS

The treatment of detrusor instability in post-menopausal women with oxybutynin chloride: a double blind placebo controlled study. Tapp AJ, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):521-6

MANDIBLE

Mechanical behavior of mandibular continuity defects reconstructed using combinations of hydroxylapatite and autogenous bone. Eick JD, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):823-30
Assessment of the stability of mandibular setback procedures with rigid fixation. Sorokolit CA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):817-22

MANDIBULAR CONDYLE

The arthroscopic appearance of acute temporomandibular joint trauma. Goss AN, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):780-3; discussion 784
Microangiography of the rabbit temporomandibular joint in the open and closed jaw positions. Sahler LG, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):831-4
Bony ankylosis of the temporomandibular joint: case report of a child treated with delrin condylar implants. Westermark AH, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):861-5

MANDIBULAR DISEASES

Melanin in a dentigerous cyst and associated adenomatoid odontogenic tumor. Warter A, et al. **Cancer** 1990 Aug 15; 66(4):786-8 (15 ref.)
Use of the ultrasonic surgical aspirator in the treatment of a solitary eosinophilic granuloma of the mandible: a case report. Landrito J, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):855-8

MANDIBULAR FRACTURES

The arthroscopic appearance of acute temporomandibular joint trauma. Goss AN, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):780-3; discussion 784
Rigid internal fixation vs. traditional techniques for the treatment of mandible fractures. Hoffman WY, et al. **J Trauma** 1990 Aug;30(8):1032-5; discussion 1035-6

MANDIBULAR NEOPLASMS

Melanin in a dentigerous cyst and associated adenomatoid odontogenic tumor. Warter A, et al. **Cancer** 1990 Aug 15; 66(4):786-8 (15 ref.)
Significant postoperative hemorrhage following biopsy of a prostate tumor metastatic to the mandibular condyle: report of a case. Catrambone RJ, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):858-61
Infantile myofibromatosis of the mandible. Matthews MS, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):884-9; discussion 890-1
Central mucoepidermoid carcinoma of the jaws: report of four cases with analysis of the literature and discussion of the relationship to mucoepidermoid, sialodontogenic, and glandular odontogenic cysts. Waldron CA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):871-7 (26 ref.)

MANDIBULOFACIAL DYSOSTOSIS

Goldenhar's syndrome [letter] Khan FM. **Anaesthesia** 1990 Jul;45(7):592-3

MANIC DISORDER

Mania after nicotine withdrawal [letter] Cohen SB. **Am J Psychiatry** 1990 Sep;147(9):1254-5
Prevalence of neuroleptic-induced dystonia in mania and schizophrenia. Remington GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1231-3
Mania in a panic disorder patient treated with fluoxetine [letter] Sholomskas AJ. **Am J Psychiatry** 1990 Aug; 147(8):1090-1

MANIPULATION, ORTHOPEDIC

Low back pain of mechanical origin: randomised comparison of chiropractic and hospital outpatient treatment. Meade TW, et al. **BMJ** 1990 Jun 2;300(6737):1431-7

MANNITOL

Effects of atrial natriuretic peptide versus mannitol on renal blood flow during radiocontrast infusion in chronic renal failure. Kurnik BR, et al. **J Lab Clin Med** 1990 Jul; 116(1):27-36

Blood-brain barrier disruption in brain-tumor therapy [letter] Rapoport SI. **J Neurosurg** 1990 Sep;73(3):475-7

MANNOSIDASES

Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro. Nose M, et al. **J Immunol** 1990 Aug 1;145(3):910-4

MAPLE SYRUP URINE DISEASE

Clearance of toxic metabolites during therapy for inborn errors of metabolism [letter] Ring E, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):349-50

MARFAN SYNDROME

Acquired tracheobronchomegaly resulting in severe respiratory failure. Shivaram U, et al. **Chest** 1990 Aug; 98(2):491-2

The wrist sign in Marfan syndrome [letter] Cheng TO. **Postgrad Med** 1990 Aug;88(2):53, 56

MARIJUANA SMOKING

Marijuana smoking and carcinoma of the tongue. Is there an association? Caplan GA, et al. **Cancer** 1990 Sep 1; 66(5):1005-6 (15 ref.)

MARKETING OF HEALTH SERVICES

Marketers hone their skills to reach target markets. White D, et al. **Hospitals** 1990 Aug 5;64(15):62, 64, 66

MASKS

Kinking of the laryngeal mask airway in two children [letter] Goldberg PL, et al. **Anaesthesia** 1990 Jun;45(6):487-8

Use of a nasal continuous positive airway pressure mask in the treatment of postoperative atelectasis in aortocoronary bypass surgery. Pinilla JC, et al. **Crit Care Med** 1990 Aug; 18(8):836-40

MASS SCREENING

Children should not be routinely screened for high blood cholesterol [letter] Newman TB, et al. **Am J Dis Child** 1990 Aug;144(8):851-2

Screening for colorectal cancer: need for controlled trials [editorial; comment] Bond JH. **Ann Intern Med** 1990 Sep 1;113(5):338-40. Comment on: Ann Intern Med 1990 Sep 1;113(5):373-84.

Screening for cervical cancer. Eddy DM. **Ann Intern Med** 1990 Aug 1;113(3):214-26 (69 ref.)

Screening for colorectal cancer [see comments] Eddy DM. **Ann Intern Med** 1990 Sep 1;113(5):373-84 (39 ref.). Comment in: Ann Intern Med 1990 Sep 1;113(5):338-40.

Screening for osteoporosis [letter] Ott SM. **Ann Intern Med** 1990 Aug 1;113(3):256

Evaluating screening tests and screening programmes. Ades AE. **Arch Dis Child** 1990 Jul;65(7):792-5 (22 ref.)

Massive screening for colorectal cancer. A single institution's public commitment. Petrelli NJ, et al. **Arch Surg** 1990 Aug; 125(8):1049-51

Maternal and fetal screening [letter] **BMJ** 1990 Jun 9; 300(6738):1526-7

Breast cancer screening and the primary care team. Austoker J. **BMJ** 1990 Jun 23;300(6740):1631-4

Cervical screening in general practice: a "new" scenario. Chomet J, et al. **BMJ** 1990 Jun 9;300(6738):1504-6

Screening in practice: Reducing the psychological costs. Marteau TM. **BMJ** 1990 Jul 7;301(6742):26-8

Screening for carcinoma of the prostate [letter] Sandhu DP, et al. **BMJ** 1990 Jun 16;300(6739):1585-6

Periodic health examination, 1990 update: 1. Early detection of hyperthyroidism and hypothyroidism in adults and screening of newborns for congenital hypothyroidism [letter] Gold A. **Can Med Assoc J** 1990 Aug 15; 143(4):259-60

Revisions in the risk-based Breast Cancer Screening Program at Group Health Cooperative. Taplin SH, et al. **Cancer** 1990 Aug 15;66(4):812-8

An evaluation of flow-volume curves as a screening test for obstructive sleep apnea. Katz I, et al. **Chest** 1990 Aug; 98(2):337-40

Screening for uterine neoplasms [letter] Cruickshank D, et al. **Lancet** 1990 Sep 1;336(8714):562-3

Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy. The Helsinki Ultrasound Trial. Saari-Kemppainen A, et al. **Lancet** 1990 Aug 18;336(8712):387-91

Routine human immunodeficiency virus infection screening of women requesting induced first-trimester abortion in an inner-city population. Lindsay MK, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):347-50

A church-based cholesterol education program. Wiist WH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):381-8

MAST CELLS

Mast cell chymase potentiates histamine-induced wheal formation in the skin of ragweed-allergic dogs. Rubinstein I, et al. **J Clin Invest** 1990 Aug;86(2):555-9

Lamina propria mast cells in ulcerative colitis [letter] Benfield GF, et al. **J Clin Pathol** 1990 Jul;43(7):611

Neurogenic inflammation, vascular permeability, and mast cells. II. Additional evidence indicating that mast cells are not involved in neurogenic inflammation. Kowalski ML, et al. **J Immunol** 1990 Aug 15;145(4):1214-21

Mast cell heterogeneity. Differential synthesis and expression of glycosphingolipids by mouse serosal mast cells as compared to IL-3-dependent bone marrow culture-derived mast cells before or after coculture with 3T3 fibroblasts. Raizman MB, et al. **J Immunol** 1990 Sep 1;145(5):1463-8

Failure of combined supratrigonal cystectomy and Mainz ileocecocystoplasty in intractable interstitial cystitis: is histology and mast cell count a reliable predictor for the outcome of surgery? Nielsen KK, et al. **J Urol** 1990 Aug; 144(2 Pt 1):255-8; discussion 258-9

MASTECTOMY

Painful lymphatic occlusion following axillary lymph node surgery. Marcus RT, et al. **Br J Surg** 1990 Jun;77(6):683

Differential marking of excision planes in screened breast lesions by organically coloured gelatins. Armstrong JS, et al. **J Clin Pathol** 1990 Jul;43(7):604-7

Alcian blue: reliable rapid method for marking resection margins [letter] Birch PJ, et al. **J Clin Pathol** 1990 Jul; 43(7):608-9

A triceps musculocutaneous flap for chest-wall defects. Hartrampf CR Jr, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):502-9

A reappraisal of prophylactic mastectomy. Wapnir IL, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):171-84 (168 ref.)

MASTICATORY MUSCLES

Stimulation variables in electroneurography of the facial nerve. Salzer TA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1036-40

MASTITIS

The nonpuerperal breast infection: aerobic and anaerobic microbial recovery from acute and chronic disease. Edmiston CE Jr, et al. **J Infect Dis** 1990 Sep;162(3):695-9

MASTOID

Sternocleidomastoid tumor of infancy [letter] Mukamel M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):678

Revision mastoidectomy. Pillsbury HC 3d, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1019-22 (27 ref.)

MASTOIDITIS

Revision mastoidectomy. Pillsbury HC 3d, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1019-22 (27 ref.)

Temporomandibular joint ankylosis following mastoiditis: report of a case. Faerber TH, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):866-70

MATERIALS TESTING

Strength of initial mechanical fixation of screw ring acetabular components. Kody MH, et al. **Clin Orthop** 1990 Aug;(257):146-53

MATERNAL AGE

Down's syndrome and fertility in older women [letter] Dolk H, et al. **Lancet** 1990 Aug 25;336(8713):511

Impact of advanced maternal age on the outcome of pregnancy. Ales KL, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):209-16

MATERNAL-FETAL EXCHANGE

The placental transfer of mifepristone (RU 486) during the second trimester and its influence upon maternal and fetal steroid concentrations. Hill NC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):406-11

In vitro human placental model to study transfer of thiamin from the mother to the fetus: effect of ethanol in this system [editorial] Mukherjee AB. **J Lab Clin Med** 1990 Jul; 116(1):6-7

MATERNAL HEALTH SERVICES

A chill wind blows: Webster, obstetrics, and the health of women. Chavkin W, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):450-2

Traveller mothers and babies [editorial] Feder G, et al. **BMJ** 1990 Jun 16;300(6739):1536-7

Preconception care. Risk reduction and health promotion in preparation for pregnancy. Jack BW, et al. **JAMA** 1990 Sep 5;264(9):1147-9

MATERNAL MORTALITY

Perinatal audit: does confidential enquiry have a place? Kirkup W. **Br J Obstet Gynaecol** 1990 May;97(5):371-3

Maternal mortality in New York City, 1981-1983. Dorfman SF. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):317-23

MAXILLA

Effects of unilateral premature fusion of the zygomaxillary suture on the growth of nasomaxillary complex. Thimaporn J, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):835-41

MAXILLARY SINUS

Histamine stimulation of mucociliary activity in the rabbit maxillary sinus. Dolata J, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):666-71

Pneumatization of the paranasal sinuses (maxillary and frontal) in cleft lip and palate. Francis P, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):920-2

Aneurysmal bone cyst of the maxillary sinus. Hady MR, et al. **J Laryngol Otol** 1990 Jun;104(6):501-3

MAXILLOFACIAL DEVELOPMENT

Effects of unilateral premature fusion of the zygomaxillary suture on the growth of nasomaxillary complex. Thimaporn J, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):835-41

MAXILLOFACIAL INJURIES

Maxillofacial fractures in the elderly: a comparative study. Falcone PA, et al. **Plast Reconstr Surg** 1990 Sep;86(3):443-8

MEASLES

Statement on recommended use of measles vaccine in Canada. **Can Med Assoc J** 1990 Aug 15;143(4):287-9

Measles one more time. Brunell PA. **Pediatrics** 1990 Sep; 86(3):474-8

MEASLES VACCINE

A new combined trivalent live measles (AIK-C strain), mumps (Hoshino strain), and rubella (Takahashi strain) vaccine. Findings in clinical and laboratory studies. Makino S, et al. **Am J Dis Child** 1990 Aug;144(8):905-10

Statement on recommended use of measles vaccine in Canada. **Can Med Assoc J** 1990 Aug 15;143(4):287-9

Confounders are always a problem [letter] Brunskill AJ. **Pediatrics** 1990 Sep;86(3):490-1

MEAT

How long to abstain from eating red meat before fecal occult blood tests. Feinberg EJ, et al. **Ann Intern Med** 1990 Sep 1;113(5):403-4

MECKEL'S DIVERTICULUM

Test your skills. Inverted Meckel diverticulum with intussusception. Rubesin SE, et al. **Radiology** 1990 Sep; 176(3):636, 644

MECONIUM

Hypernatremia associated with N-acetylcysteine therapy for meconium ileus in a premature infant. Langer JC, et al. **Can Med Assoc J** 1990 Aug 1;143(3):202-3

Management of the meconium-stained neonate [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):341-5

MECONIUM ASPIRATION

Carotid artery reconstruction following extracorporeal membrane oxygenation. Crombleholme TM, et al. **Am J Dis Child** 1990 Aug;144(8):872-4

Is meconium aspiration an intrauterine event? [letter] Falciglia HS. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):250-1

Amnioinfusion and prevention of meconium aspiration syndrome [letter] Falciglia HS. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):258-9

Management of the meconium-stained neonate [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):341-5

MEDIAN NERVE

First lumbrical latency and amplitude. Control values and findings in carpal tunnel syndrome. Fitz WR, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):198-201

MEDIASTINAL CYST

Management of a large mediastinal cyst of thyroid origin.

Minni F, et al. **Chest** 1990 Aug;98(2):487–8

MEDIASTINAL EMPHYSEMA

Mediastinal emphysema after a sax orgy [letter] Snyder RW, et al. **N Engl J Med** 1990 Sep 13;323(11):758–9

MEDIASTINAL NEOPLASMS

Primary mediastinal leiomyoma. Shaffer K, et al. **Ann Thorac Surg** 1990 Aug;50(2):301–2
Current use of imaging in the evaluation of primary mediastinal masses. Brown K, et al. **Chest** 1990 Aug; 98(2):466–73 (32 ref.)
Thyroglossal duct cyst [letter] Turhal N, et al. **South Med J** 1990 Aug;83(8):983–4

MEDIASTINITIS

Sclerosing mediastinitis: improved management with histoplasmosis titer and ketoconazole. Urschel HC Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):215–21

MEDICAL ASSISTANCE, TITLE 19

Medicare and Medicaid at 25. Friedman E. **Hospitals** 1990 Aug 5;64(15):38, 42, 46 passim
Medicaid regulations for long-term care. **J Am Diet Assoc** 1990 Aug;90(8):1062–3
The 'Medicaidization' of AIDS. Trends in the financing of HIV-related medical care [see comments] Green J, et al. **JAMA** 1990 Sep 12;264(10):1261–6. Comment in: JAMA 1990 Sep 12;264(10):1294–5.
The association of payer with utilization of cardiac procedures in Massachusetts [see comments] Wenneker MB, et al. **JAMA** 1990 Sep 12;264(10):1255–60. Comment in: JAMA 1990 Sep 12;264(10):1294–5.

MEDICAL AUDIT

Improving the care of patients with major trauma in the accident and emergency department. Fisher RB, et al. **BMJ** 1990 Jun 16;300(6739):1560–3
Inspecting the NHS [editorial] Groves T. **BMJ** 1990 Jun 23; 300(6740):1601
A total audit of preventive procedures in 45 practices caring for 430,000 patients. Lawrence M, et al. **BMJ** 1990 Jun 9;300(6738):1501–3
Medical audit data: counting is not enough. Lyons C, et al. **BMJ** 1990 Jun 16;300(6739):1563–6
Organisation of audit in North Derbyshire District Health Authority. McConnachie RW. **BMJ** 1990 Jun 16; 300(6739):1566–8
Gynaecology and the National Confidential Enquiry into Perioperative Deaths [editorial] Campling EA, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):466–7
Perinatal audit: does confidential enquiry have a place? Kirkup W. **Br J Obstet Gynaecol** 1990 May;97(5):371–3
Inconsistencies in clinical decisions in obstetrics. Barrett JF, et al. **Lancet** 1990 Sep 1;336(8714):549–51
How maximal is "maximum"? [letter] Lim R. **Lancet** 1990 Aug 25;336(8713):517

MEDICAL HISTORY TAKING

The nursing home as a site for teaching medical students. Wiener M, et al. **Acad Med** 1990 Jun;65(6):412–4
Value of clinical history [letter] Miller WT. **AJR Am J Roentgenol** 1990 Sep;155(3):653–4

MEDICAL INDIGENCY

Hospitals should develop charity reporting policy. Anderson HJ. **Hospitals** 1990 Aug 20;64(16):60
Disproportionate-share payment sparks policy debate. Burke M. **Hospitals** 1990 Aug 20;64(16):33–4, 36

MEDICAL MISSIONS, OFFICIAL

Orthopaedics Overseas: first world MDs can make a difference in the Third World. Hall M. **Can Med Assoc J** 1990 Aug 15;143(4):304–5

MEDICAL RECORDS

Pilot study of records of shared care for people with mental illnesses. Essex B, et al. **BMJ** 1990 Jun 2;300(6737):1442–6
Statement on vaccination of children with inadequate immunization records. **Can Med Assoc J** 1990 Aug 15; 143(4):291–2
Computerized medical record [letter] Rathe R. **J Fam Pract** 1990 Aug;31(2):121

MEDICAL STAFF, HOSPITAL

Cytogenetic damage in operation theatre personnel. Natarajan D, et al. **Anaesthesia** 1990 Jul;45(7):574–7
Performance appraisal and career counselling for senior house officers. Ward Platt M, et al. **Arch Dis Child** 1990 Jul;65(7):796–801
Physicians in organizations. Dilemma of the academic VA staff physician. Mirvis DM. **Arch Intern Med** 1990 Aug; 150(8):1621–3
Workload of preregistration house officers [letter] **BMJ** 1990 Jun 2;300(6737):1463
CFOs see physician relations as key to financial performance. Anderson HJ. **Hospitals** 1990 Aug 20;64(16):38–42
When the doctor has AIDS. Gramelspacher GP, et al. **J Infect Dis** 1990 Aug;162(2):534–7

MEDICATION ERRORS

Accidental lidocaine overdosage in an infant. Jonville AP, et al. **J Toxicol Clin Toxicol** 1990;28(1):101–6

MEDICINE

Peer review—the arts and sciences [editorial] Fisher DW. **Hosp Pract [Off]** 1990 Aug 15;25(8):13
The impact of genetics and biotechnology on medicine. Fifth President's Symposium of the 83rd annual scientific assembly of the Southern Medical Association. Washington, D.C., Nov 5–8, 1989. Proceedings. **South Med J** 1990 Aug;83(8):867–82

MEDICINE, HERBAL

Malingering aided by the use of herbal medicine [letter] Govrin-Yehudain J, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):601–2

MEDICINE IN ART

Corot's 'gout' and a 'gipsy' girl. Panush RB, et al. **JAMA** 1990 Sep 5;264(9):1136–8

MEDICINE, ORIENTAL TRADITIONAL

Anterior nasal stenosis from joss stick burns. Lee ST. **J Laryngol Otol** 1990 Jun;104(6):497

MEDLARS-MEDLINE INFORMATION SYSTEM

A comparison of manual and MEDLARS reviews of the literature on consultation-liaison psychiatry. Bareta JC, et al. **Am J Psychiatry** 1990 Aug;147(8):1040–2
Managing medical references [letter] Faughnan J. **Ann Intern Med** 1990 Sep 15;113(6):484

MEDROXYPROGESTERONE

Re: Deoxyribonucleic acid content and medroxyprogesterone acetate treatment in metastatic renal cell carcinoma [letter] Neuwirth H, et al. **J Urol** 1990 Sep;144(3):749–50
Cushing's syndrome and medroxyprogesterone acetate [letter] Grenfell A, et al. **Lancet** 1990 Jul 28;336(8709):256

MEDULLOBLASTOMA

Medulloblastoma—prognostic factors and outcome of treatment: review of the Mayo Clinic experience. Garton GR, et al. **Mayo Clin Proc** 1990 Aug;65(8):1077–86

MEGAKARYOCYTES

Cytokine regulation of the human burst-forming unit-megakaryocyte. Briddell RA, et al. **Blood** 1990 Aug 1;76(3):516–22
Prolonged thrombocytosis in mice after 5-fluorouracil results from failure to down-regulate megakaryocyte concentration. An experimental model that dissociates regulation of megakaryocyte size and DNA content from megakaryocyte concentration. Chenaille PJ, et al. **Blood** 1990 Aug 1;76(3):508–15
Transforming growth factor beta inhibits endomitosis in the Dami human megakaryocytic cell line. Greenberg SM, et al. **Blood** 1990 Aug 1;76(3):533–7
An analysis of megakaryocytopoiesis in the C3H mouse: an animal model whose megakaryocytes have 32N as the modal DNA class. Jackson CW, et al. **Blood** 1990 Aug 15;76(4):690–6
Identification of the pertussis toxin-sensitive G proteins in platelets, megakaryocytes, and human erythroleukemia cells. Williams AG, et al. **Blood** 1990 Aug 15;76(4):721–30

MEGESTROL

A phase II randomized trial of megestrol acetate or dexamethasone in the treatment of hormonally refractory advanced carcinoma of the prostate. Patel SR, et al. **Cancer** 1990 Aug 15;66(4):655–8

MELANINS

Melanin in a dentigerous cyst and associated adenomatoid odontogenic tumor. Warter A, et al. **Cancer** 1990 Aug 15; 66(4):786–8 (15 ref.)

MELANOCYTES

Primary orbital melanoma associated with orbital melanocytosis. Rice CD, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1130–4
Ocular findings in oculodermal melanocytosis. Teekhasaenee C, et al. **Arch Ophthalmol** 1990 Aug;108(8):1114–20
Growth of melanocytes in human epidermal cell cultures. Staiano-Coico L, et al. **J Trauma** 1990 Aug;30(8):1037–42; discussion 1043

MELANOMA

Dysplastic nevi and malignant melanoma. Crutcher WA, et al. **Am Fam Physician** 1990 Aug;42(2):372–85 (35 ref.)
Axillary dissection in melanoma. Prognostic variables in node-positive patients. Bevilacqua RG, et al. **Ann Surg** 1990 Aug;212(2):125–31
Late recurrence of malignant melanoma. Analysis of 168 patients. Crowley NJ, et al. **Ann Surg** 1990 Aug; 212(2):173–7
Current management of malignant melanoma [editorial] Morton DL. **Ann Surg** 1990 Aug;212(2):123–4
Primary orbital melanoma associated with orbital melanocytosis. Rice CD, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1130–4
Lymph node metastasis from melanoma with an unknown primary site. Jonk A, et al. **Br J Surg** 1990 Jun;77(6):665–8
Hyperthermic isolated perfusion with melphalan in the treatment of advanced malignant melanoma of the lower limb. Skene AI, et al. **Br J Surg** 1990 Jul;77(7):765–7
Immunohistochemical study of melanocytic nevus and malignant melanoma with monoclonal antibodies against S-100 subunits. Cho KH, et al. **Cancer** 1990 Aug 15; 66(4):765–71
Skin cancer and the ozone shield [letter] Staehelin J, et al. **Lancet** 1990 Aug 25;336(8713):502
Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. **N Engl J Med** 1990 Aug 30; 323(9):570–8. Comment in: N Engl J Med 1990 Aug 30;323(9):601–3.
Late recurrence of localized cutaneous melanoma: its influence on follow-up policy. McEwan L, et al. **Plast Reconstr Surg** 1990 Sep;86(3):527–34
Treatment of choroidal melanoma: MR imaging in the assessment of radioactive plaque position. Hanna SL, et al. **Radiology** 1990 Sep;176(3):851–3

MELANOMA, EXPERIMENTAL

Increased sensitivity to MHC-nonrestricted lysis of BL6 melanoma cells by transfection with class I H-2Kb gene. Gorelik E, et al. **J Immunol** 1990 Sep 1;145(5):1621–32

MELANOSIS

Melanosis of the larynx. Har-El G, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):640–2 (9 ref.)

MELATONIN

Circadian and seasonal variation in human preovulatory follicular fluid melatonin concentration. Rönnberg L, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):492–6

MELPHALAN

High-dose melphalan and granulocyte-macrophage colony-stimulating factor for refractory multiple myeloma. Barlogie B, et al. **Blood** 1990 Aug 15;76(4):677–80
Hyperthermic isolated perfusion with melphalan in the treatment of advanced malignant melanoma of the lower limb. Skene AI, et al. **Br J Surg** 1990 Jul;77(7):765–7

MEMBRANE GLYCOPROTEINS

Expression of P-glycoprotein in epithelial ovarian cancer: evaluation as a marker of multidrug resistance. Rubin SC, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):69–73
Host receptors for malaria-infected erythrocytes. Chulay JD, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):6–14 (37 ref.)
Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. de Mascarel I, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):953–5
Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug resistance. Kuwazuru Y, et al. **Cancer** 1990 Sep 1; 66(5):868–73
Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. Browning MJ, et al. **J Immunol** 1990 Aug 1;145(3):985–94
Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. Cardenas L, et al. **J Immunol** 1990 Sep 1;145(5):1450–5
Biosynthesis pathway of gp90MEL-14, the mouse lymph node-specific homing receptor. van de Rijn M, et al. **J Immunol** 1990 Sep 1;145(5):1477–82
Overexpression of P-glycoprotein in adult T-cell leukaemia [letter] Kato S, et al. **Lancet** 1990 Sep 1;336(8714):573

MEMBRANE METALLO-ENDOPEPTIDASE

Neutral endopeptidase inhibitor potentiates the tachykinin-induced increase in ciliary beat frequency in

rabbit trachea. Kondo M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):403–6

MEMBRANE PROTEINS

Surface molecules on Plasmodium falciparum-infected erythrocytes involved in adherence. Howard RJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):15–29 (87 ref.)
Molecular analysis of insertion/deletion mutations in protein 4.1 in elliptocytosis. II. Determination of molecular genetic origins of rearrangements. Conboy J, et al. **J Clin Invest** 1990 Aug;86(2):524–30
Molecular analysis of insertion/deletion mutations in protein 4.1 in elliptocytosis. I. Biochemical identification of rearrangements in the spectrin/actin binding domain and functional characterizations. Marchesi SL, et al. **J Clin Invest** 1990 Aug;86(2):516–23
IL-2 and IL-6 synergize to augment the pore-forming protein gene expression and cytotoxic potential of human peripheral blood T cells. Smyth MJ, et al. **J Immunol** 1990 Aug 15;145(4):1159–66
Cystic fibrosis: closing the gap [editorial] **Lancet** 1990 Sep 1;336(8714):539–40

MEMBRANES

Prostaglandin E2 levels in the membrane surrounding bulk and particulate polymethylmethacrylate in the rabbit tibia. A preliminary study. Goodman SB, et al. **Clin Orthop** 1990 Aug;(257):305–9

MEMORY

Indirect memory for words presented during anaesthesia [letter] Jelicic M, et al. **Lancet** 1990 Jul 28;336(8709):249

MENINGEAL NEOPLASMS

Successful treatment of hypoglycemia using glucagon in a patient with an extrapancreatic tumor. Samaan NA, et al. **Ann Intern Med** 1990 Sep 1;113(5):404–6
Osteoporosis after cranial irradiation for acute lymphoblastic leukemia. Gilsanz V, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):238–44

MENINGIOMA

Sex steroid receptors in intracranial tumors. Romić Stojković R, et al. **Cancer** 1990 May 1;65(9):1968–70
The subtemporal and preauricular infratemporal approach to intradural structures ventral to the brain stem. Sen CN, et al. **J Neurosurg** 1990 Sep;73(3):345–54

MENINGITIS

Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Mustafa MM, et al. **Am J Dis Child** 1990 Aug;144(8):883–7
Rostral basilar reversible ischemic neurologic deficit in an HIV-infected patient with cryptococcal meningitis [letter] Rafal RD, et al. **Am J Med** 1990 Aug;89(2):248–9
Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183–7
Antibiotic treatment of suspected neonatal meningitis [letter] **Arch Dis Child** 1990 Jul;65(7):810
Meningitis as it presents in the elderly: diagnosis and care. Roos KL. **Geriatrics** 1990 Aug;45(8):63–4, 69–71, 74–5 (28 ref.)
Subclass distribution of the serum and intrathecal IgG antibody response in varicella-zoster virus infections. Echevarría JM, et al. **J Infect Dis** 1990 Sep;162(3):621–6
Pathogenesis of meningitis caused by Streptococcus suis type 2. Williams AE, et al. **J Infect Dis** 1990 Aug;162(2):474–81
Intravenous immune globulin and acute aseptic meningitis [letter] Casteels-Van Daele M, et al. **N Engl J Med** 1990 Aug 30;323(9):614–5
Imipenem resistance in a case of AIDS with relapsing Pseudomonas meningitis. Eng RH, et al. **South Med J** 1990 Aug;83(8):979–80

MENINGITIS, MENINGOCOCCAL

Meningococcal meningitis [letter] Carter PE. **BMJ** 1990 Jun 16;300(6739):1584
Throat culture from patients with meningococcal meningitis [letter] Sippel JE, et al. **J Clin Pathol** 1990 Jul;43(7):610–1
Respiratory viruses and mycoplasma as cofactors for epidemic group A meningococcal meningitis. Moore PS, et al. **JAMA** 1990 Sep 12;264(10):1271–5

MENINGITIS, PNEUMOCOCCAL

Invasive disease due to multiply resistant Streptococcus pneumoniae in a Houston, Tex, day-care center. Rauch AM, et al. **Am J Dis Child** 1990 Aug;144(8):923–7
Dexamethasone for meningitis [letter] Girgis NI, et al. **Ann Intern Med** 1990 Sep 1;113(5):410

MENINGITIS, VIRAL

Primary and recurrent herpes simplex virus type 2-induced meningitis. Bergström T, et al. **J Infect Dis** 1990 Aug; 162(2):322–30

MENINGOCOCCAL INFECTIONS

Hypercalcitoninemia in acutely ill children [letter] Mallet E. **J Pediatr** 1990 Aug;117(2 Pt 1):337

MENINGOENCEPHALITIS

Reversible hearing loss in a patient with cryptococcosis. Mayer JM, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):962–4

MENINGOMYELOCELE

Urethral dilation improves bladder compliance in children with myelomeningocele and high leak point pressures. Bloom DA, et al. **J Urol** 1990 Aug;144(2 Pt 2):430–3; discussion 443–4
Effects of the artificial urinary sphincter on prostatic development and sexual function in pubertal boys with meningomyelocele. Jumper BM, et al. **J Urol** 1990 Aug; 144(2 Pt 2):438–42; discussion 443–4
The effect of back closure on detrusor function in neonates with myelomeningocele. Kroovand RL, et al. **J Urol** 1990 Aug;144(2 Pt 2):423–5; discussion 443–4

MENISCI, TIBIAL

A long-term follow-up study of total meniscectomy in children. Abdon P, et al. **Clin Orthop** 1990 Aug; (257):166–70
Arthroscopic treatment of cysts of the menisci. A preliminary report. Parisien JS. **Clin Orthop** 1990 Aug;(257):154–8
The arthroscopic anatomy of symptomatic meniscal lesions. Dandy DJ. **J Bone Joint Surg [Br]** 1990 Jul;72(4):628–33

MENOPAUSE

Relationship between plasma calcium fractions, other bone-related variables, and serum follicle-stimulating hormone levels in premenopausal, perimenopausal, and postmenopausal women. Nordin BE, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):140–5
Perimenopausal women's views on hormone replacement therapy [letter] Coope J. **BMJ** 1990 Jun 9;300(6738):1526
Clinical effects of danazol on endometrial hyperplasia in menopausal and postmenopausal women. Soh E, et al. **Cancer** 1990 Sep 1;66(5):983–8
Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265–9
Oestrogens, arterial status, and postmenopausal women [letter] Stones RW. **Lancet** 1990 Aug 4;336(8710):311–2
CA 125 levels in menopausal women. Westhoff C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):428–31

MENORRHAGIA

Early hypothyroidism in patients with menorrhagia [letter] Blesing NE, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):697
Management of menorrhagia. Magos AL. **BMJ** 1990 Jun 16; 300(6739):1537–8 (60 ref.)
Hysterectomy or what? [letter] Stirrat GM, et al. **Lancet** 1990 Aug 18;336(8712):445

MENOTROPINS

Adnexal torsion in menotropin-induced pregnancies. Kemmann E, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):403–6

MENSTRUAL CYCLE

Changes in platelet angiotensin II binding sites associated with the human menstrual cycle. Baker PN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):175–6

MENSTRUATION

Diagnostic studies in catamenial hemoptysis [editorial] Guidry GG, et al. **Chest** 1990 Aug;98(2):260–1
A comparison of the ability of a sonographically measured biparietal diameter and the last menstrual period to predict the spontaneous onset of labor. Waldenström U, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):336–8

MENSTRUATION DISORDERS

Menstrual problems in adolescents. Neinstein LS. **Med Clin North Am** 1990 Sep;74(5):1181–203 (63 ref.)

MENTAL DISORDERS

Neuroleptic malignant syndrome in 12 of 9,792 Chinese inpatients exposed to neuroleptics: a prospective study. Deng MZ, et al. **Am J Psychiatry** 1990 Sep;147(9):1149–55
The sham of treatment [letter] Fleck S. **Am J Psychiatry** 1990 Aug;147(8):1094–5
Comments on process theory and psychiatry [letter] Landy DA. **Am J Psychiatry** 1990 Sep;147(9):1256–7
Treatment of behavioral disorders in animals [letter] Rapoport JL. **Am J Psychiatry** 1990 Sep;147(9):1249
Utilization management: managed or mangled psychiatric care? [editorial] Sharfstein SS. **Am J Psychiatry** 1990 Aug; 147(8):965–6
Psychiatric symptoms and nursing home placement of patients with Alzheimer's disease. Steele C, et al. **Am J Psychiatry** 1990 Aug;147(8):1049–51
Developmental history and object relations in psychiatrically disturbed adolescent girls. Westen D, et al. **Am J Psychiatry** 1990 Aug;147(8):1061–8
Infection with human immunodeficiency virus and vulnerability to psychiatric distress. A study of men with hemophilia. Dew MA, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):737–44
A comment on the selection of 'healthy controls' for psychiatric experiments [letter] Gibbons RD, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):785–6
Development of diagnostic checklists for use in routine clinical care. A guideline designed to assess DSM-III-R diagnoses. Hiller W, et al. **Arch Gen Psychiatry** 1990 Aug; 47(8):782–4
Pilot study of records of shared care for people with mental illnesses. Essex B, et al. **BMJ** 1990 Jun 2;300(6737):1442–6
After the asylums [letter] Levy R. **BMJ** 1990 May 26; 300(6736):1397
The lifetime prevalence of psychopathology in men with multigenerational family histories of alcoholism. Finn PR, et al. **J Nerv Ment Dis** 1990 Aug;178(8):500–4
Adult children of alcoholics. A valid diagnostic group? Fulton AI, et al. **J Nerv Ment Dis** 1990 Aug;178(8):505–9
Characteristics of psychiatric inpatients who assault staff severely. Haller RM, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):536–7
Avoidant coping predicts psychological disturbance in the elderly. Smith LW, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):525–30
Real insight [editorial] **Lancet** 1990 Aug 18;336(8712):408–9
Adolescents with closed head injury. Neuropsychological consequences. Rusonis ES. **Med Clin North Am** 1990 Sep; 74(5):1311–9 (26 ref.)

MENTAL HEALTH SERVICES

Response to the presidential address: Our children: our future. Benedek EP. **Am J Psychiatry** 1990 Sep; 147(9):1120–5
Regional variation in patterns of inpatient psychiatric care. Rosenheck R, et al. **Am J Psychiatry** 1990 Sep; 147(9):1180–3
Utilization management of mental health services by private third parties. Tischler GL. **Am J Psychiatry** 1990 Aug; 147(8):967–73 (41 ref.)
After the asylums [letter] Levy R. **BMJ** 1990 May 26; 300(6736):1397

MENTAL RETARDATION

Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33
Medical care in the community for adults with mental retardation [editorial; comment] Crocker AC. **Am J Public Health** 1990 Sep;80(9):1037–8. Comment on: Am J Public Health 1990 Sep;80(9):1043–8.
Meeting the needs for health services of persons with mental retardation living in the community [see comments] Minihan PM, et al. **Am J Public Health** 1990 Sep; 80(9):1043–8. Comment in: Am J Public Health 1990 Sep;80(9):1037–8.
A reliable isokinetic strength test for arm and leg musculature for mildly mentally retarded adults. Pitetti KH. **Arch Phys Med Rehabil** 1990 Aug;71(9):669–72
The life expectancy of profoundly handicapped people with mental retardation. Eyman RK, et al. **N Engl J Med** 1990 Aug 30;323(9):584–9
Valproic acid for the treatment of children with mental retardation and mood symptomatology. Kastner T, et al. **Pediatrics** 1990 Sep;86(3):467–72

MENTORS

Class mentors: a step toward implementing the GPEP report. Lobeck CC, et al. **Acad Med** 1990 Jun;65(6):351–4

6-MERCAPTOPURINE

Genetic variation in response to 6-mercaptopurine for childhood acute lymphoblastic leukaemia. Lennard L, et al. **Lancet** 1990 Jul 28;336(8709):225–9

MESENTERIC ARTERIES

Role of the endothelium in adrenergic responses of mesenteric artery rings of pregnant rats. Parent A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):229–34
High versus low ligation of the inferior mesenteric artery in rectal cancer. Surtees P, et al. **Br J Surg** 1990 Jun; 77(6):618–21

Mesenteric arteritis. Mosley JG, et al. **Gut** 1990 Aug; 31(8):956–7
The effect of hypoxia on angiotensin-stimulated release of PGI2 from the splanchnic bed. Reed M, et al. **J Trauma** 1990 Aug;30(8):993–8; discussion 998–9

MESENTERIC VASCULAR OCCLUSION

Diagnosis and management of mesenteric infarction. Clavien PA. **Br J Surg** 1990 Jun;77(6):601–3 (10 ref.)

MESENTERY

Mesenteric fibromatosis. A follow-up study. Burke AP, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):832–5
Prediction of the delayed complications of intestinal and mesenteric injuries following experimental blunt abdominal trauma. Paterson-Brown S, et al. **Br J Surg** 1990 Jun; 77(6):648–51
Severe mesenteric ischemia due to primary thrombocythemia treated with prostacyclin. Nimmo GR, et al. **Crit Care Med** 1990 Aug;18(8):889–90

MESOTHELIOMA

Effusion cytology in the diagnosis of malignant epithelioid and biphasic pleural mesothelioma. Sherman ME, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):845–51
A phase II study of pirarubicin in malignant pleural mesothelioma. Kaukel E, et al. **Cancer** 1990 Aug 15; 66(4):651–4
Pleural fluid acidosis in the malignant variant of benign pleural mesothelioma [letter] Brandstetter RD, et al. **Chest** 1990 Aug;98(2):514–5
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 36–1990. A 42-year-old woman with pleural disease, chylous ascites, and lymphadenopathy. **N Engl J Med** 1990 Sep 6; 323(10):659–67

METABOLISM, INBORN ERRORS

Geleophysic dysplasia: a storage disorder affecting the skin, bone, liver, heart, and trachea. Shohat M, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):227–32
Immunochemical analysis of pyruvate dehydrogenase complex in 2 boys with primary lactic acidemia. Kitano A, et al. **Neurology** 1990 Aug;40(8):1312–4

METACARPUS

Necrosis of the skin over the metacarpal as a result of functional fracture-bracing [letter] Harvie KW. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1114–5

METALLOPORPHYRINS

Studies with the haeme oxygenase inhibitor Sn-protoporphyrin in patients with primary biliary cirrhosis and idiopathic haemochromatosis. Berglund L, et al. **Gut** 1990 Aug;31(8):899–904

METALLURGY

Subclass distribution of IgG and IgA antibody response to Pseudomonas pseudoalcaligenes in humans exposed to infected metal-working fluid. Mattsby-Baltzer I, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):231–8

METHACHOLINE COMPOUNDS

Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Nichol GM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):576–80

METHADONE

Corrections and revised analyses for psychotherapy in methadone maintenance patients [letter] Woody G, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):788–9

METHANE

Comparative study of hydrogen and methane production in the human colon using caecal and faecal homogenates. Flourié B, et al. **Gut** 1990 Jun;31(6):684–5

METHEMOGLOBINEMIA

Methemoglobinemia after lidocaine administration [letter] Hansen-Flaschen J. **Chest** 1990 Aug;98(2):519–20

METHICILLIN

Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705–10

METHIMAZOLE

Serum thyroglobulin concentration as an indicator for assessing thyroid stimulation in patients with Graves' disease during antithyroid drug therapy. Aizawa T, et al. **Am J Med** 1990 Aug;89(2):175–80

METHIONINE

Familial hypermethioninemia partially responsive to dietary restriction. Labrune P, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):220–6

METHOHEXITAL

Effective therapeutic infusions produced by closed-loop feedback control of methohexital administration during total intravenous anesthesia with fentanyl. Schwilden H, et al. **Anesthesiology** 1990 Aug;73(2):225–9

METHOTREXATE

Treatment of cervical pregnancy with methotrexate [letter] Sherer DM. **Am J Obstet Gynecol** 1990 Aug;163(2):693–4
Suppression of rheumatoid factor production by methotrexate in patients with rheumatoid arthritis. Evidence for differential influences of therapy and clinical status on IgM and IgA rheumatoid factor expression. Alarcón GS, et al. **Arthritis Rheum** 1990 Aug;33(8):1156–61
Inhibition of leukotriene B4 synthesis in neutrophils from patients with rheumatoid arthritis by a single oral dose of methotrexate. Sperling RI, et al. **Arthritis Rheum** 1990 Aug; 33(8):1149–55
Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Mitchell IC, et al. **Gut** 1990 Jun;31(6):674–8
Enhancement of recovery from psychiatric illness by methylfolate. Godfrey PS, et al. **Lancet** 1990 Aug 18; 336(8712):392–5
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 37–1990. A 28-year-old man with increasing dyspnea, dry cough, and fever after chemotherapy for lymphoma. **N Engl J Med** 1990 Sep 13; 323(11):737–47

METHYLGLYCOSIDES

Glucagon inhibits insulin activation of glucose transport in rat adipocytes mainly through a postbinding process. Sato N, et al. **Endocrinology** 1990 Sep;127(3):1072–7

METHYLMETHACRYLATES

Prostaglandin E2 levels in the membrane surrounding bulk and particulate polymethylmethacrylate in the rabbit tibia. A preliminary study. Goodman SB, et al. **Clin Orthop** 1990 Aug;(257):305–9

METHYLPHENIDATE

Use of methylphenidate for attention deficit hyperactivity disorder [letter] **Can Med Assoc J** 1990 Aug 1;143(3):170–2

METHYLPREDNISOLONE

Lumbar disk disease [letter] **Ann Intern Med** 1990 Aug 15; 113(4):330–1
Intramuscular depot methylprednisolone induction of chrysotherapy in rheumatoid arthritis: a 24-week randomized controlled trial. Corkill MM, et al. **Br J Rheumatol** 1990 Aug;29(4):274–9
Steroids after spinal cord injury. **Lancet** 1990 Aug 4; 336(8710):279–80 (25 ref.)
Methylprednisolone therapy for acute asthma in infants and toddlers: a controlled clinical trial. Tal A, et al. **Pediatrics** 1990 Sep;86(3):350–6

METHYLTRANSFERASES

Genetic variation in response to 6-mercaptopurine for childhood acute lymphoblastic leukaemia. Lennard L, et al. **Lancet** 1990 Jul 28;336(8709):225–9

METOPROLOL

Pulmonary effects of long-term beta 2-blockade in healthy subjects: comparative study of metoprolol OROS. Bauer K, et al. **Am Heart J** 1990 Aug;120(2):473–7
Safety and tolerability of metoprolol OROS in hypertension treatment. Feliciano N, et al. **Am Heart J** 1990 Aug; 120(2):490–4
Pharmacokinetic and pharmacodynamic comparison of an osmotic release oral metoprolol tablet and the metoprolol conventional tablet. Feliciano NR, et al. **Am Heart J** 1990 Aug;120(2):483–9
The effect of impaired renal function on the pharmacokinetics of metoprolol after single administration of a 14/190 metoprolol OROS system. Lloyd P, et al. **Am Heart J** 1990 Aug;120(2):478–82
Comparative evaluation of cardioselectivity of metoprolol OROS and atenolol: a double-blind, placebo-controlled crossover study. Tantucci C, et al. **Am Heart J** 1990 Aug; 120(2):467–72
Enalapril and metoprolol in diabetic nephropathy [letter] **BMJ** 1990 May 26;300(6736):1399
Enalapril and metoprolol in diabetic nephropathy. Sawicki P, et al. **BMJ** 1990 Jun 2;300(6737):1466

METRONIDAZOLE

Topical infusion of metronidazole in the radiotherapy of tumours of the uterine cervix: interim report on the 2 year survival. Balmukhanov SB, et al. **Br J Radiol** 1990 Jun; 63(750):499–500
Persistent vaginitis caused by metronidazole-resistant trichomonas. Grossman JH 3d, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):521–2

MICE, INBRED BALB C

The BALB/c mouse as a model for immunological studies of microfilariae-induced pulmonary eosinophilia. Egwang TG, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):61–6

MICE, INBRED C3H

An analysis of megakaryocytopoiesis in the C3H mouse: an animal model whose megakaryocytes have 32N as the modal DNA class. Jackson CW, et al. **Blood** 1990 Aug 15;76(4):690–6
Activation of C3H/HeJ macrophage tumoricidal activity and cytokine release by R-chemotype lipopolysaccharide preparations. Differential effects of IFN-gamma. Flebbe LM, et al. **J Immunol** 1990 Sep 1;145(5):1505–11

MICE, MUTANT STRAINS

Heritable severe combined anemia and thrombocytopenia in the mouse: description of the disease and successful therapy. Peters LL, et al. **Blood** 1990 Aug 15;76(4):745–54

MICE, TRANSGENIC

Osteosarcomas in transgenic mice expressing an alpha-amylase-SV40 T-antigen hybrid gene. Knowles BB, et al. **Am J Pathol** 1990 Aug;137(2):259–62
A transgenic mouse model for trilateral retinoblastoma. O'Brien JM, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1145–51
Transgenic mouse models of type I diabetes. Lipes MA, et al. **Diabetes** 1990 Aug;39(8):879–84 (50 ref.)
A peripheral mechanism preserves self-tolerance to a secreted protein in transgenic mice. Whiteley PJ, et al. **J Immunol** 1990 Sep 1;145(5):1376–81

MICROBODIES

Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Martinez M. **Neurology** 1990 Aug;40(8):1292–8

MICROCIRCULATION

The vascular repair of an experimental osteotomy held in an external fixator. Brueton RN, et al. **Clin Orthop** 1990 Aug;(257):286–304
Microvascular effects of chondroitinase ABC and chymopapain. An in vivo experimental study on hamsters and rabbits. Olmarker K, et al. **Clin Orthop** 1990 Aug; (257):274–9

MICROCOMPUTERS

Computerized literature reference system: use of an optical scanner and optical character recognition software. Lossef SV, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):617–9
A dedicated microcomputer for a superficial radiotherapy unit. Cassell KJ, et al. **Br J Radiol** 1990 Jun;63(750):488–9
Computer multitasking with Desqview 386 in a family practice. Davis AE. **Can Med Assoc J** 1990 Aug 15; 143(4):281–5
A computerized approach to injury description. Osler TM, et al. **J Trauma** 1990 Aug;30(8):983–7; discussion 987–8

MICROSCOPY

Optimized urinary microscopy for assessment of bacteriuria in primary care. Ferry S, et al. **J Fam Pract** 1990 Aug; 31(2):153–9; discussion 159–61

MICROSOMES, LIVER

Monoclonal antibodies as probes to study the human growth hormone-binding domain to lactogenic rat liver receptors. Roguin LP, et al. **Endocrinology** 1990 Sep;127(3):1009–15

MICROSURGERY

The efficacy of absorbable suture for microvascular anastomoses. Fried MP, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1051–4
Microvascular autotransplantation of the intra-abdominal testis. Harrison CB, et al. **J Urol** 1990 Aug;144(2 Pt 2):506–7; discussion 512–3

MICROTUBULES

Microtubular aggregates within rough endoplasmic reticulum in myxopapillary ependymoma of the filum terminale. Ho

KL. **Arch Pathol Lab Med** 1990 Sep;114(9):956–60

MICROWAVES

Superficial microwave-induced hyperthermia in the treatment of chest wall recurrences in breast cancer. DuBois JB, et al. **Cancer** 1990 Sep 1;66(5):848–52
Foodborne hepatitis A: evidence that microwaving reduces risk? Mishu B, et al. **J Infect Dis** 1990 Sep;162(3):655–8

MIDAZOLAM

Flumazenil in the outpatient. A study following midazolam as sedation for upper gastrointestinal endoscopy. Andrews PJ, et al. **Anaesthesia** 1990 Jun;45(6):445–8
Sedative and hypnotic midazolam-morphine interactions in rats. Kissin I, et al. **Anesth Analg** 1990 Aug;71(2):137–43
On the mechanism by which midazolam causes spinally mediated analgesia. Edwards M, et al. **Anesthesiology** 1990 Aug;73(2):273–7
Preanesthetic medication with rectal midazolam in children undergoing dental extractions. Roelofse JA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):791–7; discussion 797
Midazolam-fentanyl intravenous sedation in children: case report of respiratory arrest. Yaster M, et al. **Pediatrics** 1990 Sep;86(3):463–7

MIDDLE EAR VENTILATION

A randomised controlled trial of surgery for glue ear. Black NA, et al. **BMJ** 1990 Jun 16;300(6739):1551–6

MIFEPRISTONE

Induction of labor with mifepristone (RU 486) in intrauterine fetal death. Cabrol D, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):540–2
In vitro effect of RU 486 on sperm-egg interaction in mice. Juneja SC, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):216–21
Mifepristone (RU 486) failure in an ovarian heterotopic pregnancy. Levin JH, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):543–4
The efficacy and tolerance of mifepristone and prostaglandin in first trimester termination of pregnancy. UK Multicentre Trial. **Br J Obstet Gynaecol** 1990 Jun;97(6):480–6
The physiological and clinical effects of progesterone inhibition with mifepristone (RU 486) in the second trimester. Hill NC, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):487–92
The placental transfer of mifepristone (RU 486) during the second trimester and its influence upon maternal and fetal steroid concentrations. Hill NC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):406–11
Beyond 'abortion': RU-486 and the needs of the crisis constituency. Regelson W, et al. **JAMA** 1990 Aug 22–29; 264(8):1026–7
Normal development after exposure to mifepristone in early pregnancy [letter] Lim BH, et al. **Lancet** 1990 Jul 28; 336(8709):257–8

MIGRAINE

Drug prophylaxis for migraine headaches. Walling AD. **Am Fam Physician** 1990 Aug;42(2):425–32 (17 ref.)
Migraine associated with focal cerebral edema, cerebrospinal fluid pleocytosis, and progressive cerebellar ataxia: MRI documentation. Goldstein JM, et al. **Neurology** 1990 Aug; 40(8):1284–7
Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Levine SR, et al. **Neurology** 1990 Aug;40(8):1181–9

MILITARY MEDICINE

Experiences of a battalion medical officer in the retreat to Dunkirk: V. Doll R. **BMJ** 1990 Jun 2;300(6737):1449–52
Experiences of a battalion medical officer in the retreat to Dunkirk: IV. Doll R. **BMJ** 1990 May 26;300(6736):1385–7

MILITARY PERSONNEL

Incidence of sand fly fever among Swedish United Nations soldiers on Cyprus during 1985. Eitrem R, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):207–11
Pneumonia associated with contact with cyanobacteria. Turner PC, et al. **BMJ** 1990 Jun 2;300(6737):1440–1

MILK

Milk's effect on the bioavailability of iron from cereal-based diets in young women by use of in vitro and in vivo methods. Turnlund JR, et al. **Am J Clin Nutr** 1990 Aug; 52(2):373–8
The taste of milk [letter] Carmona Da Mota H. **Arch Dis Child** 1990 Jun;65(6):647
Lymphocyte responses to food antigens in patients with atopic dermatitis who are sensitive to foods. Kondo N, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):253–60
Food and nutrient intake of 6- to 12-month-old infants fed formula or cow milk: a summary of four national surveys. Ernst JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S86–100
Milks and formulas for older infants. Ziegler EE. **J Pediatr** 1990 Aug;117(2 Pt 2):S76–9
Bovine somatotropin supplementation of dairy cows. Is the milk safe? [see comments] Daughaday WH, et al. **JAMA** 1990 Aug 22–29;264(8):1003–5. Comment in: JAMA 1990 Aug 22–29;264(8):1028.

MILK, HUMAN

Growth, nutrient retention, and metabolic response of low-birth-weight infants fed supplemented and unsupplemented preterm human milk. Kashyap S, et al. **Am J Clin Nutr** 1990 Aug;52(2):254–62
A carbohydrate-rich diet not only leads to incorporation of medium-chain fatty acids (6:0–14:0) in milk triglycerides but also in each milk-phospholipid subclass. van Beusekom C, et al. **Am J Clin Nutr** 1990 Aug;52(2):326–34
Modified fat diets: do they apply to infancy? Finberg L. **J Pediatr** 1990 Aug;117(2 Pt 2):S132–3
Energy intakes of human milk-fed infants during the first year. Garza C, et al. **J Pediatr** 1990 Aug;117(2 Pt 2):S124–31
Mineral and vitamin D adequacy in infants fed human milk or formula between 6 and 12 months of age. Hillman LS. **J Pediatr** 1990 Aug;117(2 Pt 2):S134–42 (31 ref.)
Effect of yeast lactase enzyme on "colic" in infants fed human milk. Miller JJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):261–3

MINERALOCORTICOIDS

Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. Reul JM, et al. **Endocrinology** 1990 Aug;127(2):907–15
Enhancement of electrogenic Na+ transport across rat inner medullary collecting duct by glucocorticoid and by mineralocorticoid hormones. Husted RF, et al. **J Clin Invest** 1990 Aug;86(2):498–506

MINERALS

Infant nutrient supplementation. Curtis DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)
Mineral and vitamin D adequacy in infants fed human milk or formula between 6 and 12 months of age. Hillman LS. **J Pediatr** 1990 Aug;117(2 Pt 2):S134–42 (31 ref.)
Effect of lactose on mineral absorption in preterm infants. Wirth FH Jr, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):283–7

MINOXIDIL

Polymyalgia and minoxidil [letter] Colamarino R, et al. **Ann Intern Med** 1990 Aug 1;113(3):256–7

MISONIDAZOLE

In vivo delineation of myocardial hypoxia during coronary occlusion using fluorine-18 fluoromisonidazole and positron emission tomography: a potential approach for identification of jeopardized myocardium [see comments] Shelton ME, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):477–85. Comment in: J Am Coll Cardiol 1990 Aug;16(2):486–8.

MISSIONS AND MISSIONARIES

A missionary, heart and soul. Bendiner E. **Hosp Pract [Off]** 1990 Jul 15;25(7):166–72, 175–6, 179–80 passim

MITES

The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581–6
Airborne house dust mite antigen after vacuum cleaning [letter] Kalra S, et al. **Lancet** 1990 Aug 18;336(8712):449
Exposure to house-dust mite allergen (Der p I) and the development of asthma in childhood. A prospective study. Sporik R, et al. **N Engl J Med** 1990 Aug 23;323(8):502–7

MITOCHONDRIA

Generation of regulatory oxysterols: 26-hydroxylation of cholesterol by ovarian mitochondria. Rennert H, et al. **Endocrinology** 1990 Aug;127(2):738–46

MITOCHONDRIA, HEART

Coenzyme Q10 and respiratory chain enzyme activities in hypertrophied human left ventricles with aortic valve stenosis. Maurer I, et al. **Am J Cardiol** 1990 Aug 15; 66(4):504–5

MITOCHONDRIA, MUSCLE

Kearns-Sayre syndrome in the elderly: mitochondrial myopathy with advanced heart block. Kenny D, et al. **Am Heart J** 1990 Aug;120(2):440–3

MITOGENS

Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Hatamori N, et al. **Diabetes** 1990 Sep;39(9):1070–8

MITOSIS

Transforming growth factor beta inhibits endomitosis in the Dami human megakaryocytic cell line. Greenberg SM, et al. **Blood** 1990 Aug 1;76(3):533–7
Does delay in fixation affect the number of mitotic figures in processed tissue? Cross SS, et al. **J Clin Pathol** 1990 Jul;43(7):597–9

MITOTANE

Mitotane therapy of adrenocortical carcinoma [letter] Haak HR, et al. **N Engl J Med** 1990 Sep 13;323(11):758

MITRAL VALVE

Transmitral flow velocity in symptomatic severe aortic regurgitation: utility of Doppler for determination of preclosure of the mitral valve. Marcus RH, et al. **Am Heart J** 1990 Aug;120(2):449–51
Unusual mitral annular vegetation diagnosed by transesophageal echocardiography. Tunick PA, et al. **Am Heart J** 1990 Aug;120(2):444–6
Effect of altered flow on mitral valve anulus in dogs. Vandenberg BF, et al. **Am J Cardiol** 1990 Aug 15; 66(4):515–7
Biatrial transseptal approach in case of difficult exposure to the mitral valve. Deloche A, et al. **Ann Thorac Surg** 1990 Aug;50(2):318–9
Analysis of the early transmitral Doppler velocity curve: effect of primary physiologic changes and compensatory preload adjustment. Thomas JD, et al. **J Am Coll Cardiol** 1990 Sep;16(3):644–55
A comparison of repair and replacement for mitral stenosis with partially calcified valve. Eguaras MG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):161–6

MITRAL VALVE INSUFFICIENCY

Valvular heart disease in Kawasaki syndrome: incidence and natural history. Akagi T, et al. **Am Heart J** 1990 Aug; 120(2):366–72
Noninvasive evaluation of the magnitude of aortic and mitral regurgitation by means of Doppler two-dimensional echocardiography. Kurokawa S, et al. **Am Heart J** 1990 Sep;120(3):638–48
Biatrial transseptal approach in case of difficult exposure to the mitral valve. Deloche A, et al. **Ann Thorac Surg** 1990 Aug;50(2):318–9
Doppler-derived rate of left ventricular pressure rise. Its correlation with the postoperative left ventricular function in mitral regurgitation. Pai RG, et al. **Circulation** 1990 Aug; 82(2):514–20
Neonatal mitral valve endocarditis: diagnosis and successful management. Bullaboy CA, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):398–400

MITRAL VALVE PROLAPSE

William P. Thompson, Samuel A. Levine—1935: systolic gallop sounds and mitral valve prolapse. Wooley CF. **Am Heart J** 1990 Aug;120(2):460–3
Living with mitral valve prolapse [letter] Cheng TO. **Am J Cardiol** 1990 Aug 15;66(4):528

MITRAL VALVE STENOSIS

Percutaneous mitral valvuloplasty with a single rubber-nylon balloon (Inoue balloon): long-term results in 71 patients. Chen CR, et al. **Am Heart J** 1990 Sep;120(3):561–8
Balloon valvuloplasty for mitral restenosis after previous surgery: a comparative study. Medina A, et al. **Am Heart J** 1990 Sep;120(3):568–71
Balloon angioplasty for congenital mitral stenosis. Spevak PJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):472–6
Beta-adrenergic receptor blockade in the management of pregnant women with mitral stenosis. al Kasab SM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):37–40
Stretching the effect of the balloon. Mitral valvuloplasty and pulmonary function [editorial; comment] Bittl JA. **Chest** 1990 Aug;98(2):259–60. Comment on: Chest 1990 Aug;98(2):290–4.
Improvement in pulmonary function in mitral stenosis after percutaneous transvenous mitral commissurotomy [see comments] Yoshioka T, et al. **Chest** 1990 Aug;98(2):290–4 . Comment in: Chest 1990 Aug;98(2):259–60.
Prediction of successful outcome in 130 patients undergoing percutaneous balloon mitral valvotomy [see comments] Abascal VM, et al. **Circulation** 1990 Aug;82(2):448–56. Comment in: Circulation 1990 Aug;82(2):643–5.
Percutaneous mitral balloon valvulotomy or balloon valvuloplasty? It's not just semantics anymore [comment] Smucker ML. **Circulation** 1990 Aug;82(2):643–5. Comment on: Circulation 1990 Aug;82(2):448–56.
Aortic regurgitation shortens Doppler pressure half-time in mitral stenosis: clinical evidence, in vitro simulation and theoretic analysis. Flachskampf FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):396–404
A comparison of repair and replacement for mitral stenosis with partially calcified valve. Eguaras MG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):161–6

MMPI

Failure to detect fabricated posttraumatic stress disorder with the use of the MMPI in a clinical population. Perconte ST, et al. **Am J Psychiatry** 1990 Aug;147(8):1057–60

MODELS, BIOLOGICAL

An optical model to describe image contrast with bifocal intraocular lenses. Atebara NH, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):172–7

In vitro and ex-vivo models of sequestration in Plasmodium falciparum infection. Udeinya IJ. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):2–5 (16 ref.)

MODELS, CARDIOVASCULAR

Aortic regurgitation shortens Doppler pressure half-time in mitral stenosis: clinical evidence, in vitro simulation and theoretic analysis. Flachskampf FA, et al. **J Am Coll Cardiol** 1990 Aug;16(2):396–404

Aortic valve morphology: an important in vitro determinant of proximal regurgitant jet width by Doppler color flow mapping. Taylor AL, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):405–12

Analysis of the early transmitral Doppler velocity curve: effect of primary physiologic changes and compensatory preload adjustment. Thomas JD, et al. **J Am Coll Cardiol** 1990 Sep;16(3):644–55

MODELS, STATISTICAL

Detection of excess disease near an exposure point: a case study. Schulman J, et al. **Arch Environ Health** 1990 May–Jun;45(3):168–74

Power analysis and clinical significance [letter] Corey GA. **J Fam Pract** 1990 Aug;31(2):122, 212

MODELS, THEORETICAL

Waiting patiently. Goitein M. **N Engl J Med** 1990 Aug 30; 323(9):604–8

The nursing shortage: dynamics and solutions. A supportive clinical practice model. Freeman BA, et al. **Nurs Clin North Am** 1990 Sep;25(3):551–60

Quality assurance in obstetrics: a model. Silberman L. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):466–70

Developing a model for the study of quality of life in elderly patients with chronic disease: use of hypertension as an example. Rice S, et al. **South Med J** 1990 Aug;83(8):941–6

MOLLUSCUM CONTAGIOSUM

Giant molluscum contagiosum following splenectomy [letter] Linberg JV, et al. **Arch Ophthalmol** 1990 Aug;108(8):1076

MONITORING, PHYSIOLOGIC

ST monitoring for myocardial ischemia during and after coronary angioplasty. Mizutani M, et al. **Am J Cardiol** 1990 Aug 15;66(4):389–93

Use of a piezoelectric film sensor for monitoring vascular grafts. Gupta SK, et al. **Am J Surg** 1990 Aug;160(2):182–5; discussion 185–6

Design and evaluation of a new respiratory monitor [letter] Doyle DJ, et al. **Anaesthesia** 1990 Jun;45(6):492–3

Clinical assessment of hemodynamic values in two surgical intensive care units. Effects on therapy. Celoria G, et al. **Arch Surg** 1990 Aug;125(8):1036–9

MONOCYTES

Tuftsin induces tissue factor-like activity in human mononuclear cells and in monocytic cell lines. Kornberg A, et al. **Blood** 1990 Aug 15;76(4):814–9

Interaction of platelet-activating factor with interferon-gamma in the stimulation of interleukin-1 production by human monocytes. Barthelson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):193–201

Evaluation of the antibody-dependent cytotoxic capabilities of individual human monocytes. Role of Fc gamma RI and Fc gamma RII and the effects of cytokines at the single cell level. Connor RI, et al. **J Immunol** 1990 Sep 1; 145(5):1483–9

Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans. Czop JK, et al. **J Immunol** 1990 Aug 1; 145(3):995–1001

IL-2 enhances c-fms expression in human monocytes. Espinoza-Delgado I, et al. **J Immunol** 1990 Aug 15; 145(4):1137–43

Matrix-bound plasminogen activator inhibitor type 1 inhibits the invasion of human monocytes into interstitial tissue. Kirchheimer JC, et al. **J Immunol** 1990 Sep 1; 145(5):1518–22

Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42

Engagement of the monocyte surface antigen CD14 induces lymphocyte function-associated antigen-1/intercellular adhesion molecule-1-dependent homotypic adhesion. Lauener RP, et al. **J Immunol** 1990 Sep 1;145(5):1390–4

Mechanisms underlying the anti-inflammatory effects of essential fatty acid deficiency in experimental glomerulonephritis. Inhibited release of a monocyte chemoattractant by glomeruli. Rovin BH, et al. **J Immunol** 1990 Aug 15;145(4):1238–45

IL-4 inhibits the expression of IL-8 from stimulated human monocytes. Standiford TJ, et al. **J Immunol** 1990 Sep 1; 145(5):1435–9

The effect of human cytomegalovirus on the production and biologic action of interleukin-1. Moses AV, et al. **J Infect Dis** 1990 Aug;162(2):381–8

MONOSACCHARIDE TRANSPORT PROTEINS

Effects of altered glucose homeostasis on glucose transporter expression in skeletal muscle of the rat. Bourey RE, et al. **J Clin Invest** 1990 Aug;86(2):542–7

MORBIDITY

Investigating the nature of the morbidity and mortality conference. Biddle C, et al. **Acad Med** 1990 Jun;65(6):420

'Minor' illness symptoms. The magnitude of their burden and of our ignorance [editorial; comment] Komaroff AL. **Arch Intern Med** 1990 Aug;150(8):1586–7. Comment on: Arch Intern Med 1990 Aug;150(8):1685–9.

The prevalence of symptoms in medical outpatients and the adequacy of therapy [see comments] Kroenke K, et al. **Arch Intern Med** 1990 Aug;150(8):1685–9. Comment in: Arch Intern Med 1990 Aug;150(8):1586–7.

MORPHINE

Comparison of intramuscular ketorolac and morphine in pain control after laparotomy. Powell H, et al. **Anaesthesia** 1990 Jul;45(7):538–42

Analgesia after haemorrhoidectomy [letter] Severn AM, et al. **Anaesthesia** 1990 Jul;45(7):597–8

Delayed recognition of podophyllum toxicity in a patient receiving epidural morphine. Conard PF, et al. **Anesth Analg** 1990 Aug;71(2):191–3

Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Dyer RA, et al. **Anesth Analg** 1990 Aug;71(2):130–6

Sedative and hypnotic midazolam-morphine interactions in rats. Kissin I, et al. **Anesth Analg** 1990 Aug;71(2):137–43

Herpes labialis in parturients receiving epidural morphine following cesarean section. Crone LA, et al. **Anesthesiology** 1990 Aug;73(2):208–13

Constant infusion of morphine for intractable cancer pain using an implanted pump. Hassenbusch SJ, et al. **J Neurosurg** 1990 Sep;73(3):405–9

Morphine cholescintigraphy. Flancbaum L, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):227–32

MORTALITY

Investigating the nature of the morbidity and mortality conference. Biddle C, et al. **Acad Med** 1990 Jun;65(6):420

Impact of the human immunodeficiency virus epidemic on mortality trends in young men, United States. Buehler JW, et al. **Am J Public Health** 1990 Sep;80(9):1080–6

A population-based descriptive study of housefire deaths in North Carolina. Patetta MJ, et al. **Am J Public Health** 1990 Sep;80(9):1116–7

Postponement of death [letter] Man PL. **JAMA** 1990 Aug 8;264(6):695

Inequalities in health: ten years and little further on. Morris JN. **Lancet** 1990 Aug 25;336(8713):491–3

Trends in rates for mortality from all causes among Indians in Minnesota, 1960–79. Ringhand TH, et al. **Public Health Rep** 1990 Jul–Aug;105(4):425–8

MOSAICISM

Multifetal pregnancy in a gonadal dysgenesis mosaic. Bardeguez AD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):502–4

MOSQUITO CONTROL

Permethrin-impregnated curtains and bed-nets prevent malaria in western Kenya. Sexton JD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):11–8

MOTHER-CHILD RELATIONS

"Abandoned" parents. Loss of traditional family support systems. A challenge for health professionals. Porter B. **Clin Pediatr (Phila)** 1990 Jul;29(7):401–4

MOTHERS

Maternal employment [editorial] Graham PJ. **Arch Dis Child** 1990 Jun;65(6):565–6

MOTILIN

Development of motilin receptors and of motilin- and erythromycin-induced contractility in rabbits. Depoortere I, et al. **Gastroenterology** 1990 Sep;99(3):652–8

MOTION PICTURES

Prediction of adult-onset schizophrenia from childhood home movies of the patients. Walker E, et al. **Am J Psychiatry** 1990 Aug;147(8):1052–6

MOTIVATION

Factors influencing residents' decisions not to provide obstetrical services in their future practices. O'Dell ML. **Acad Med** 1990 Jun;65(6):420

Sociodemographic and motivational characteristics of parents who volunteer their children for clinical research: a controlled study. Harth SC, et al. **BMJ** 1990 May 26; 300(6736):1372–5

MOTOR SKILLS

Brain mechanisms underlying motor skill learning in the rat. Thompson R, et al. **Am J Phys Med Rehabil** 1990 Aug; 69(4):191–7

Laterality of performance in fingertapping rate and grip strength by hemisphere of stroke and gender. Robinson LM, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):695–8

MOTORCYCLES

Fatal and severe injury: scooter and moped crashes in California, 1985. Salatka M, et al. **Am J Public Health** 1990 Sep;80(9):1122–4

MOUTH FLOOR

Choice of treatment for stage I floor-of-mouth cancer. A decision analysis. Velanovich V. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):951–6

The use of perimandibular sutures in isolated vestibuloplasty or floor of the mouth plasty procedures. Wittkampf AR. **J Oral Maxillofac Surg** 1990 Aug;48(8):892–3

MOUTH MUCOSA

Chemical injury of the oral mucosa from verapamil [letter] Guttenberg SA. **N Engl J Med** 1990 Aug 30;323(9):615

MOUTH NEOPLASMS

Choice of treatment for stage I floor-of-mouth cancer. A decision analysis. Velanovich V. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):951–6

Midline sublingual dermoid cyst. al-Khayat M, et al. **J Laryngol Otol** 1990 Jul;104(7):578–80

From the Centers for Disease Control. Current trends: deaths from oral cavity and pharyngeal cancer—United States, 1987. **JAMA** 1990 Aug 8;264(6):678

MOVEMENT

Studies of the spontaneous motility and the effect of histamine on isolated myometrial strips of the nonpregnant human uterus: the influence of various uterine abnormalities. Martinez-Mir I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):189–95

Perceptual and premotor factors of unilateral neglect. Bisiach E, et al. **Neurology** 1990 Aug;40(8):1278–81

Reliability of a clinical kinematic assessment of the sit-to-stand movement. Jeng SF, et al. **Phys Ther** 1990 Aug;70(8):511–20

MUCINS

Nonmucinous, glycogen-poor cystadenocarcinoma of the pancreas. Friedman HD. **Arch Pathol Lab Med** 1990 Aug; 114(8):888–91

Sulphomucin-secreting intestinal metaplasia in the human gastric mucosa. An association with intestinal-type gastric carcinoma. Matsukuma A, et al. **Cancer** 1990 Aug 15; 66(4):689–94

Binding of proteolytically-degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Chadee K, et al. **Gut** 1990 Aug; 31(8):890–5

DF3 antigen, a human epithelial cell mucin, inhibits adhesion of eosinophils to antibody-coated targets. Hayes DF, et al. **J Immunol** 1990 Aug 1;145(3):962–70

MUCOCILIARY CLEARANCE

Neutral endopeptidase inhibitor potentiates the tachykinin-induced increase in ciliary beat frequency in rabbit trachea. Kondo M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):403–6

Tracheobronchial clearance in patients with bilateral diaphragmatic weakness. Mier A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):545–8

Histamine stimulation of mucociliary activity in the rabbit maxillary sinus. Dolata J, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):666–71

MUCOCUTANEOUS LYMPH NODE SYNDROME

Valvular heart disease in Kawasaki syndrome: incidence and

natural history. Akagi T, et al. **Am Heart J** 1990 Aug; 120(2):366–72
The heart and conduction system in acute Kawasaki disease: report of fraternal cases—one lethal, one relapsing. Bharati S, et al. **Am Heart J** 1990 Aug;120(2):359–65
Expression and distribution of atrial natriuretic polypeptide in the ventricles of children with myocarditis and/or myocardial infarction secondary to Kawasaki disease: immunohistochemical study. Fujiwara T, et al. **Am Heart J** 1990 Sep;120(3):612–8
Presumed Kawasaki disease resulting in multiple coronary artery aneurysms in an adult. Brevard SB, et al. **Ann Thorac Surg** 1990 Aug;50(2):291–2; discussion 293
Coronary revascularization in a child with Kawasaki disease: use of right gastroepiploic artery. Takeuchi Y, et al. **Ann Thorac Surg** 1990 Aug;50(2):294–6
Acute ENT admission in Kawasaki disease. Murrant NJ, et al. **J Laryngol Otol** 1990 Jul;104(7):581–4

MUCOPOLYSACCHARIDES

Changes in keratan sulphate levels in the serum of a long distance runner [letter] Hinnie J, et al. **Br J Rheumatol** 1990 Aug;29(4):314–5

MUCOPOLYSACCHARIDOSIS 4

Echocardiographic abnormalities in type IV mucopolysaccharidosis. John RM, et al. **Arch Dis Child** 1990 Jul;65(7):746–9

MUCUS

Colonic mucus and colitis [letter] Jass JR. **Gut** 1990 Jun; 31(6):730
Rupture of ileal neobladder due to urethral obstruction by mucous plug. Haupt G, et al. **J Urol** 1990 Sep;144(3):740–1

MULLERIAN DUCTS

Genital outflow tract obstruction in an adolescent with cloacal exstrophy. Visnesky PM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):548–51
Müllerian duct anomalies: MR imaging evaluation. Carrington BM, et al. **Radiology** 1990 Sep;176(3):715–20

MULTIENZYME COMPLEXES

High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Crowell PL, et al. **Am J Clin Nutr** 1990 Aug; 52(2):313–9
Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Dupont E, et al. **Endocrinology** 1990 Sep;127(3):1394–403
Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705–10
Sucrase-isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas. Wiltz O, et al. **Surgery** 1990 Aug;108(2):269–75; discussion 275–6

MULTIPLE MYELOMA

Renal failure in multiple myeloma. Pathogenesis and prognostic implications. Alexanian R, et al. **Arch Intern Med** 1990 Aug;150(8):1693–5
Frequency of light chain deposition nephropathy relative to renal amyloidosis and Bence Jones cast nephropathy in a necropsy study of patients with myeloma. Iványi B. **Arch Pathol Lab Med** 1990 Sep;114(9):986–7
High-dose melphalan and granulocyte-macrophage colony-stimulating factor for refractory multiple myeloma. Barlogie B, et al. **Blood** 1990 Aug 15;76(4):677–80
Multiple myeloma in the geriatric patient. Froom P, et al. **Cancer** 1990 Sep 1;66(5):965–7
Multiple myeloma of the bladder and vagina. Weide R, et al. **Cancer** 1990 Sep 1;66(5):989–91
Bone marrow biopsy in monoclonal gammopathies: correlations between pathological findings and clinical data. The Cooperative Group for Study and Treatment of Multiple Myeloma. Riccardi A, et al. **J Clin Pathol** 1990 Jun;43(6):469–75

MULTIPLE ORGAN FAILURE

Continuous arteriovenous hemofiltration/dialysis improves pulmonary gas exchange in children with multiple organ system failure. DiCarlo JV, et al. **Crit Care Med** 1990 Aug; 18(8):822–6
The multiple organ failure syndrome. Cerra FB. **Hosp Pract [Off]** 1990 Aug 15;25(8):169–76
Inhibition of CD18-dependent neutrophil adherence reduces organ injury after hemorrhagic shock in primates. Mileski WJ, et al. **Surgery** 1990 Aug;108(2):206–12

MULTIPLE-PERSONALITY DISORDER

Multiple personality disorder in India [letter] Downs J, et al. **Am J Psychiatry** 1990 Sep;147(9):1260–1
Differential diagnosis of multiple personality disorder [letter] Nakdimen KA. **Am J Psychiatry** 1990 Sep;147(9):1259–60

MULTIPLE SCLEROSIS

Exacerbation of symptoms of multiple sclerosis in a patient taking fluoxetine [letter] Browning WN. **Am J Psychiatry** 1990 Aug;147(8):1089
A commentary on correlates between cerebrospinal fluid gamma-globulins and magnetic resonance imaging in multiple sclerosis. Baumhefner RW, et al. **Arch Neurol** 1990 Aug;47(8):841–3
Patterns of disease activity in multiple sclerosis [letter] Thompson AJ, et al. **BMJ** 1990 Jul 7;301(6742):44–5
Diaphragmatic paralysis without bulbar or limb paralysis in multiple sclerosis. Aisen M, et al. **Chest** 1990 Aug; 98(2):499–501
Antibodies to cerebellar soluble lectin in multiple sclerosis [letter] Hughes RA. **Lancet** 1990 Aug 18;336(8712):438–9
Retroviruses and multiple sclerosis. II. Failure of gene amplification techniques to detect viral sequences unique to the disease. Dekaban GA, et al. **Neurology** 1990 Aug; 40(8):1254–8
The occurrence of oligoclonal IgG in tears from patients with MS and systemic immune disorders. Mavra M, et al. **Neurology** 1990 Aug;40(8):1259–62
Retroviruses and multiple sclerosis. I. Analysis of seroreactivity by western blot and radioimmune assay. Weinshenker BG, et al. **Neurology** 1990 Aug;40(8):1251–3
Helping patients live with multiple sclerosis. What primary care physicians can do. Rudick RA. **Postgrad Med** 1990 Aug;88(2):197–200, 203–4, 207 (25 ref.)

MULTIPLE TRAUMA

Thoracic spine fractures. Deluca SA. **Am Fam Physician** 1990 Aug;42(2):419–21

MUMPS VACCINE

A new combined trivalent live measles (AIK-C strain), mumps (Hoshino strain), and rubella (Takahashi strain) vaccine. Findings in clinical and laboratory studies. Makino S, et al. **Am J Dis Child** 1990 Aug;144(8):905–10

MUSCLE CONTRACTION

NHLBI Workshop summary. Respiratory muscle fatigue. Report of the Respiratory Muscle Fatigue Workshop Group [see comments] **Am Rev Respir Dis** 1990 Aug; 142(2):474–80. Comment in: Am Rev Respir Dis 1990 Aug;142(2):274.
Inspiratory muscle strength and respiratory drive in patients with rheumatoid arthritis. Gorini M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):289–94
The importance of defining respiratory muscle fatigue [editorial; comment] Macklem PT. **Am Rev Respir Dis** 1990 Aug;142(2):274. Comment on: Am Rev Respir Dis 1990 Aug;142(2):474–80.
Factors influencing ventilatory muscle recruitment in patients with chronic airflow obstruction. Martinez FJ, et al. **Am Rev Respir Dis** 1990 Aug;142(2):276–82
The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Whittaker JS, et al. **Am Rev Respir Dis** 1990 Aug;142(2):283–8
Atracurium infusions without neuromuscular monitoring [letter] Inbasegaran K, et al. **Anaesthesia** 1990 Jul;45(7):599
Muscle stimulators [letter] Delitto A, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):711–2
Laterality of performance in fingertapping rate and grip strength by hemisphere of stroke and gender. Robinson LM, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):695–8
Correlations between dyspnea, diaphragm and sternomastoid recruitment during inspiratory resistance breathing in normal subjects. Breslin EH, et al. **Chest** 1990 Aug; 98(2):298–302
Muscle activity and coordination in the normal shoulder. An electromyographic study. Kronberg M, et al. **Clin Orthop** 1990 Aug;(257):76–85
Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. Iacovou JW, et al. **J Urol** 1990 Sep;144(3):775–9
Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390–2

MUSCLE PROTEINS

Elective abdominal surgery depresses muscle protein synthesis and increases subjective fatigue: effects lasting more than 30 days. Petersson B, et al. **Br J Surg** 1990 Jul; 77(7):796–800
Negative dystrophin staining in muscles of patients with complex glycerol kinase deficiency. Tonoki H, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):268–71
Partial dystrophin deficiency in monozygous twin carriers of the Duchenne gene discordant for clinical myopathy. Bonilla E, et al. **Neurology** 1990 Aug;40(8):1267–70
Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288–92
Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis. Hall-Angerås M, et al. **Surgery** 1990 Aug; 108(2):460–6

MUSCLE RIGIDITY

Clinical neurophysiologic studies in stiff-man syndrome: use of simultaneous video-electroencephalographic-surface electromyographic recording. Armon C, et al. **Mayo Clin Proc** 1990 Jul;65(7):960–7

MUSCLE, SMOOTH

Development of motilin receptors and of motilin- and erythromycin-induced contractility in rabbits. Depoortere I, et al. **Gastroenterology** 1990 Sep;99(3):652–8
Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390–2

MUSCLE, SMOOTH, VASCULAR

Vascular effects of cyclosporine A in vivo and in vitro. Ferns G, et al. **Am J Pathol** 1990 Aug;137(2):403–13
Focal toxicity of oxysterols in vascular smooth muscle cell culture. A model of the atherosclerotic core region. Guyton JR, et al. **Am J Pathol** 1990 Aug;137(2):425–34
Lipoprotein degradation and cholesterol esterification in primary cell cultures of rabbit atherosclerotic lesions. Jaakkola O, et al. **Am J Pathol** 1990 Aug;137(2):457–65
Heparin modulates the composition of the extracellular matrix domain surrounding arterial smooth muscle cells. Snow AD, et al. **Am J Pathol** 1990 Aug;137(2):313–30
Activation of CD4+ lymphocytes by syngeneic brain microvascular smooth muscle cells. Fabry Z, et al. **J Immunol** 1990 Aug 15;145(4):1099–104

MUSCLES

Appendicular skeletal muscle mass: measurement by dual-photon absorptiometry. Heymsfield SB, et al. **Am J Clin Nutr** 1990 Aug;52(2):214–8
Effects of the sulfonylureas on muscle glucose homeostasis. Smith RJ. **Am J Med** 1990 Aug 20;89(2A):38S–43S; discussion 51S–53S (40 ref.)
Differential sensitivities of fetal muscle groups to d-tubocurarine. Szeto HH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):202–9
First lumbrical latency and amplitude. Control values and findings in carpal tunnel syndrome. Fitz WR, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):198–201
Role of eicosanoids and white blood cells in the beneficial effects of limited reperfusion after ischemia-reperfusion injury in skeletal muscle. Anderson RJ, et al. **Am J Surg** 1990 Aug;160(2):151–5
Sartorius myoplasty for deep groin wounds following vascular reconstruction. Petrasek PF, et al. **Am J Surg** 1990 Aug;160(2):175–8
The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Whittaker JS, et al. **Am Rev Respir Dis** 1990 Aug;142(2):283–8
Polymyalgia and minoxidil [letter] Colamarino R, et al. **Ann Intern Med** 1990 Aug 1;113(3):256–7
Abnormalities of aneural and innervated cultured muscle fibers from patients with myotonic atrophy (dystrophy). Kobayashi T, et al. **Arch Neurol** 1990 Aug;47(8):893–6
Manometry and electromyography of the pharyngeal muscles in patients with dysphagia. Elidan J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):910–3
A glucose-6-phosphate dehydrogenase stain for frozen human skeletal muscle biopsy specimens. A sensitive indicator of fiber degeneration. Fishbein TM, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):840–4
Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Hirokawa S, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):687–94
Blood flow in the gluteus maximus of seated individuals during electrical muscle stimulation. Levine SP, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):682–6
A reliable isokinetic strength test for arm and leg musculature for mildly mentally retarded adults. Pitetti KH. **Arch Phys Med Rehabil** 1990 Aug;71(9):669–72
Muscle blood flow during forearm exercise in patients with severe heart failure. Arnold JM, et al. **Circulation** 1990 Aug; 82(2):465–72
Genetic mechanisms that determine oxidative capacity of striated muscles. Control of gene transcription. Williams RS. **Circulation** 1990 Aug;82(2):319–31 (95 ref.)
Muscle activity and coordination in the normal shoulder. An electromyographic study. Kronberg M, et al. **Clin Orthop** 1990 Aug;(257):76–85
IGF-I—stimulated glucose transport in human skeletal muscle and IGF-I resistance in obesity and NIDDM. Dohm GL, et al. **Diabetes** 1990 Sep;39(9):1028–32
Effect of insulin on glucose utilization in epitrochlearis

muscle of rats with streptozocin-induced NIDDM. Karl IE, et al. **Diabetes** 1990 Sep;39(9):1106–15
Kinetics of in vivo muscle insulin-mediated glucose uptake in human obesity. Laakso M, et al. **Diabetes** 1990 Aug; 39(8):965–74
Transfer of the trapezius for flail shoulder after brachial plexus injury. Aziz W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):701–4
Effects of altered glucose homeostasis on glucose transporter expression in skeletal muscle of the rat. Bourey RE, et al. **J Clin Invest** 1990 Aug;86(2):542–7
Negative dystrophin staining in muscles of patients with complex glycerol kinase deficiency. Tonoki H, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):268–71
Tryptophan [letter] **JAMA** 1990 Aug 22–29;264(8):969–71
Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Kaku DA, et al. **Neurology** 1990 Aug;40(8):1317–8
Excessive muscular fatigue in patients with spastic paraparesis. Miller RG, et al. **Neurology** 1990 Aug; 40(8):1271–4
Relationship between performance of selected scapular muscles and scapular abduction in standing subjects [see comment] DiVeta J, et al. **Phys Ther** 1990 Aug;70(8):470–6; discussion 476–9. Comment on: Phys Ther 1990 Aug;70(8):467–9.
Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis. Hall-Angerås M, et al. **Surgery** 1990 Aug; 108(2):460–6

MUSCULAR ATROPHY

Progressive resistance exercise: effect on muscle function and anthropometry of a select AIDS population. Spence DW, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):644–8

MUSCULAR ATROPHY, SPINAL

Spinal muscular atrophies. **Lancet** 1990 Aug 4; 336(8710):280–1 (5 ref.)
Mapping of acute (type I) spinal muscular atrophy to chromosome 5q12–q14. The French Spinal Muscular Atrophy Investigators. Melki J, et al. **Lancet** 1990 Aug 4;336(8710):271–3

MUSCULAR DISEASES

Kearns-Sayre syndrome in the elderly: mitochondrial myopathy with advanced heart block. Kenny D, et al. **Am Heart J** 1990 Aug;120(2):440–3
Mitochondrial myopathy and anaesthesia [letter] Kelly A, et al. **Anaesthesia** 1990 Jul;45(7):596
Superior oblique muscle dysfunction following anterior ethmoidal artery ligation for epistaxis. Couch JM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1110–3
Two patients with eosinophilia myalgia syndrome associated with tryptophan. van Garsse LG, et al. **BMJ** 1990 Jul 7; 301(6742):21

MUSCULAR DYSTROPHY

Secretion and clinical significance of atrial natriuretic peptide in patients with muscular dystrophy. Kawai H, et al. **Arch Neurol** 1990 Aug;47(8):900–4
Negative dystrophin staining in muscles of patients with complex glycerol kinase deficiency. Tonoki H, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):268–71
Partial dystrophin deficiency in monozygous twin carriers of the Duchenne gene discordant for clinical myopathy. Bonilla E, et al. **Neurology** 1990 Aug;40(8):1267–70

MUSEUMS

Edinburgh is synonymous with medical history [letter] MacLaren IF. **Can Med Assoc J** 1990 Aug 15;143(4):256

MUSIC

Mediastinal emphysema after a sax orgy [letter] Snyder RW, et al. **N Engl J Med** 1990 Sep 13;323(11):758–9
Overuse syndrome in musicians. When playing an instrument hurts. Mandel S. **Postgrad Med** 1990 Aug;88(2):111–4

MUTATION

Detection of the hemoglobin E mutation using the color complementation assay: application to complex genotyping. Embury SH, et al. **Blood** 1990 Aug 1;76(3):619–23
Origin of mutations in two families with X-linked chronic granulomatous disease. Francke U, et al. **Blood** 1990 Aug 1;76(3):602–6
N-ras mutations in adult de novo acute myelogenous leukemia: prevalence and clinical significance. Radich JP, et al. **Blood** 1990 Aug 15;76(4):801–7
Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930–5
Genetic abnormalities in sporadic parathyroid adenomas. Friedman E, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):293–7
Spontaneous mutation rate in retinoblastoma. Morris JA. **J Clin Pathol** 1990 Jun;43(6):496–8
Rate and mechanism of generation of beta 2-microglobulin mutants from a heterozygous murine cell line. Rajan TV, et al. **J Immunol** 1990 Sep 1;145(5):1598–602
Cystic fibrosis: closing the gap [editorial] **Lancet** 1990 Sep 1;336(8714):539–40
Mutation in codon 200 of scrapie amyloid protein gene in two clusters of Creutzfeldt-Jakob disease in Slovakia [letter] Goldfarb LG, et al. **Lancet** 1990 Aug 25; 336(8713):514–5
Genotyping of poor metabolisers of debrisoquine by allele-specific PCR amplification. Heim M, et al. **Lancet** 1990 Sep 1;336(8714):529–32
Evidence for intrafamilial transmission of hepatitis B virus from sequence analysis of mutant HBV DNAs in two Chinese families. Lin HJ, et al. **Lancet** 1990 Jul 28; 336(8709):208–12
Mapping of acute (type I) spinal muscular atrophy to chromosome 5q12–q14. The French Spinal Muscular Atrophy Investigators. Melki J, et al. **Lancet** 1990 Aug 4;336(8710):271–3
Preconception genetic diagnosis of cystic fibrosis [letter] Strom CM, et al. **Lancet** 1990 Aug 4;336(8710):306–7
A simple assay for the screening of the cystic fibrosis allele in carriers of the Phe508 deletion mutation. Chong GL, et al. **Mayo Clin Proc** 1990 Aug;65(8):1072–6

MYASTHENIA GRAVIS

Recurrent thymoma in patients with myasthenia gravis. Ohmi M, et al. **Ann Thorac Surg** 1990 Aug;50(2):243–7
The natural course of myasthenia gravis. Fonseca V, et al. **BMJ** 1990 Jun 2;300(6737):1409–10 (14 ref.)
HLA antigens in Japanese patients with myasthenia gravis. Matsuki K, et al. **J Clin Invest** 1990 Aug;86(2):392–9

MYCOBACTERIUM

Elevated antibody levels to mycobacterial 65-kDa stress protein in patients with superficial candidiasis. Ivanyi L, et al. **J Infect Dis** 1990 Aug;162(2):519–22

MYCOBACTERIUM AVIUM

Sex differences in the susceptibility of mice to infection induced by Mycobacterium intracellulare. Yamamoto Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):430–3

MYCOBACTERIUM AVIUM-INTRACELLULARE INFECTION

Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Chiu J, et al. **Ann Intern Med** 1990 Sep 1; 113(5):358–61
Disseminated cutaneous infection caused by Mycobacterium avium complex [letter] Lugo-Janer G, et al. **Arch Dermatol** 1990 Aug;126(8):1108–10
Cumulative positivity rates of multiple blood cultures for Mycobacterium avium-intracellulare and Cryptococcus neoformans in patients with the acquired immunodeficiency syndrome. Yagupsky P, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):923–5
Mixed gonococcal and mycobacterial sepsis of the wrist. Rolfe B, et al. **Clin Orthop** 1990 Aug;(257):100–3

MYCOBACTERIUM BOVIS

Detection of anti-BCG secreting cells in cerebrospinal fluid [letter] Stutman HR, et al. **Lancet** 1990 Aug 25; 336(8713):514

MYCOBACTERIUM INFECTIONS

Disseminated Mycobacterium chelonae subspecies chelonae infection with cutaneous and osseous manifestations. Drabick JJ, et al. **Arch Dermatol** 1990 Aug;126(8):1064–7 (15 ref.)

MYCOBACTERIUM TUBERCULOSIS

Killing of Mycobacterium tuberculosis by neutrophils: a nonoxidative process. Jones GS, et al. **J Infect Dis** 1990 Sep;162(3):700–4

MYCOPLASMA

Respiratory viruses and mycoplasma as cofactors for epidemic group A meningococcal meningitis. Moore PS, et al. **JAMA** 1990 Sep 12;264(10):1271–5
Mycoplasma and AIDS [letter] Chowdhury MI, et al. **Lancet** 1990 Jul 28;336(8709):247–8
Isolation of "Mycoplasma incognitus" [letter] van der Riet F. **Lancet** 1990 Jul 28;336(8709):247
Mycoplasma-like organisms [letter] Wirostko E, et al. **Lancet** 1990 Jul 28;336(8709):246–7

MYCOPLASMA INFECTIONS

Mycoplasma-like organisms [letter] Wirostko E, et al. **Lancet** 1990 Jul 28;336(8709):246–7

MYCOSES

Fluconazole, a new antifungal agent. Galgiani JN. **Ann Intern Med** 1990 Aug 1;113(3):177–9 (31 ref.)
Azoles and AIDS. Larsen RA. **J Infect Dis** 1990 Sep; 162(3):727–30 (31 ref.)
Trimethoprim-sulfamethoxazole prophylaxis in the management of chronic granulomatous disease. Margolis DM, et al. **J Infect Dis** 1990 Sep;162(3):723–6
Amphotericin B in urological practice. Wise GJ. **J Urol** 1990 Aug;144(2 Pt 1):215–23 (117 ref.)
Response of long-running Alternaria alternata infection to fluconazole [letter] Diaz M, et al. **Lancet** 1990 Aug 25; 336(8713):513

MYCOSIS FUNGOIDES

Epidermal Langerhans' cell densities influence survival in mycosis fungoides and Sézary syndrome. Meissner K, et al. **Cancer** 1990 May 1;65(9):2069–73

MYELODYSPLASTIC SYNDROMES

Effects of recombinant human interleukin-3 in patients with myelodysplastic syndromes. Ganser A, et al. **Blood** 1990 Aug 1;76(3):455–62
Intensive antileukemic treatment of patients younger than 65 years with myelodysplastic syndromes and secondary acute myelogenous leukemia. De Witte T, et al. **Cancer** 1990 Sep 1;66(5):831–7
Myeloid neoplasia in children treated for solid tumours. Pui CH, et al. **Lancet** 1990 Aug 18;336(8712):417–21

MYELOGRAPHY

Pleural-subarachnoid fistula detected by radionuclide myelography. Hernigou P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):727–8

MYELOMA PROTEINS

Isotype modulation of idiotypic expression in recombinant isotypic variants of MOPC 315. Rinfret A, et al. **J Immunol** 1990 Aug 1;145(3):925–31

MYELOPEROXIDASE

Association of autoantibodies to myeloperoxidase with different forms of vasculitis. Tervaert JW, et al. **Arthritis Rheum** 1990 Aug;33(8):1264–72
Mixed-lineage leukemia revisited: acute lymphocytic leukemia with myeloperoxidase-positive blasts by electron microscopy. Kantarjian HM, et al. **Blood** 1990 Aug 15; 76(4):808–13

MYOBLASTOMA

Multiple cutaneous granular cell tumors and neurofibromatosis in childhood. A case report and review of the literature. Martin RW 3d, et al. **Arch Dermatol** 1990 Aug;126(8):1051–6 (61 ref.)

MYOCARDIAL CONTRACTION

Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90
Interplay between inotropic and lusitropic effects of cyclic adenosine monophosphate on the myocardial cell. Katz AM. **Circulation** 1990 Aug;82(2 Suppl):I7–11 (33 ref.)
Relative roles of Ca2(+)-dependent and Ca2(+)-independent mechanisms in hypoxic contractile dysfunction [see comments] Koretsune Y, et al. **Circulation** 1990 Aug;82(2):528–35. Comment in: Circulation 1990 Aug;82(20:652–4.
Right ventricular diastolic function during exercise: effect of ischemia. Heywood JT, et al. **J Am Coll Cardiol** 1990 Sep;16(3):611–22
Pressure-volume analysis as a method for quantifying simultaneous drug (amrinone) effects on arterial load and contractile state in vivo. Kass DA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):726–32
Analysis of the early transmitral Doppler velocity curve: effect of primary physiologic changes and compensatory preload adjustment. Thomas JD, et al. **J Am Coll Cardiol** 1990 Sep;16(3):644–55
Effects of chronic growth hormone hypersecretion on intrinsic contractility, energetics, isomyosin pattern, and myosin adenosine triphosphatase activity of rat left ventricle. Timsit J, et al. **J Clin Invest** 1990 Aug; 86(2):507–15
Myocardial oxygen utilization after reversible global ischemia [see comments] Bavaria JE, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):210–20. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):310–11.
The stunned myocardium: newer insights into mechanisms and clinical implications [letter; comment] Braunwald E. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):310–1. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):210–20.

Rapid cooling contracture of the myocardium. The adverse effect of prearrest cardiac hypothermia. Rebeyka IM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):240–9
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1990 Aug 22–29; 264(8):950
Na(+)–Ca2+ exchanger and cardiac contraction [editorial] **Lancet** 1990 Jul 28;336(8709):219–20
Regression of hypertensive left ventricular hypertrophy and left ventricular diastolic function. Shahi M, et al. **Lancet** 1990 Aug 25;336(8713):458–61
Determination of diastolic function by radionuclide ventriculography. Clements IP, et al. **Mayo Clin Proc** 1990 Jul;65(7):1007–19 (54 ref.)

MYOCARDIAL DISEASES

Myocardial tuberculosis presenting as restrictive cardiomyopathy. Bali HK, et al. **Am Heart J** 1990 Sep; 120(3):703–6
Future perspectives in basic science understanding of congestive heart failure. Katz AM. **Am J Cardiol** 1990 Aug 15;66(4):468–71 (29 ref.)
Ritodrine infusion and cardiomyopathy [letter] Caritis SN. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):254–6
Echocardiographic abnormalities in type IV mucopolysaccharidosis. John RM, et al. **Arch Dis Child** 1990 Jul;65(7):746–9

MYOCARDIAL INFARCTION

Management comparison for acute myocardial infarction: direct angioplasty versus sequential thrombolysis–angioplasty. Beauchamp GD, et al. **Am Heart J** 1990 Aug;120(2):237–42
Transcatheter aspiration of intracoronary thrombus after myocardial infarction. Brown SE, et al. **Am Heart J** 1990 Sep;120(3):688–90
ECG and enzymatic indicators of therapeutic success after intravenous streptokinase for acute myocardial infarction. Clemmensen P, et al. **Am Heart J** 1990 Sep;120(3):503–9
Evolving strategy for managing patients following thrombolytic therapy. Coplan NL. **Am Heart J** 1990 Aug; 120(2):464–6
Coronary collaterals in acute myocardial infarction without underlying coronary stenosis. Edwards RR, et al. **Am Heart J** 1990 Aug;120(2):424–7
Significance of collateral circulation in reversible left ventricular asynergy by nitroglycerin in patients with relatively recent myocardial infarction. Fujita M, et al. **Am Heart J** 1990 Sep;120(3):521–8
Expression and distribution of atrial natriuretic polypeptide in the ventricles of children with myocarditis and/or myocardial infarction secondary to Kawasaki disease: immunohistochemical study. Fujiwara T, et al. **Am Heart J** 1990 Sep;120(3):612–8
PTCA following myocardial infarction: use of bailout fibrinolysis to improve results. Haft JI, et al. **Am Heart J** 1990 Aug;120(2):243–7
Right atrial infarction and cardiogenic shock complicating acute myocardial infarction: diagnosis by transesophageal echocardiography. Hilton TC, et al. **Am Heart J** 1990 Aug; 120(2):427–30
The clinical significance of exercise-induced ST segment changes in patients with previous inferior myocardial infarction. Hosoya Y, et al. **Am Heart J** 1990 Sep; 120(3):554–61
Effects of thrombolysis on the 12-lead signal-averaged ECG in the early postinfarction period. Leor J, et al. **Am Heart J** 1990 Sep;120(3):495–502
Coronary angioplasty for medically refractory unstable angina within 30 days of acute myocardial infarction. Morrison DA. **Am Heart J** 1990 Aug;120(2):256–61
Aspergillus myocarditis presenting as myocardial infarction with complete heart block. Rogers JG, et al. **Am Heart J** 1990 Aug;120(2):430–2
Unstable angina or non-Q wave infarction despite long-term aspirin: response to thrombolytic therapy with implications on mechanisms. Schreiber TL, et al. **Am Heart J** 1990 Aug; 120(2):248–55
Transesophageal echocardiographic diagnosis of papillary muscle rupture complicating acute myocardial infarction. Stoddard MF, et al. **Am Heart J** 1990 Sep;120(3):690–2
Recovery of regional myocardial dysfunction after successful coronary angioplasty early after a non-Q wave myocardial infarction. Suryapranata H, et al. **Am Heart J** 1990 Aug; 120(2):261–9
Update on mechanical intervention in acute myocardial infarction. Vlay SC. **Am Heart J** 1990 Sep;120(3):734–8
Determinants of hemorrhagic infarcts. Histologic observations from experiments involving coronary occlusion, coronary reperfusion, and reocclusion. Garcia-Dorado D, et al. **Am J Pathol** 1990 Aug; 137(2):301–11
Teaching status and resource use for patients with acute myocardial infarction: a new look at the indirect costs of graduate medical education. Udvarhelyi IS, et al. **Am J Public Health** 1990 Sep;80(9):1095–100
Atherosclerosis in a donor heart [letter] Miller GL. **Ann Intern Med** 1990 Sep 15;113(6):484
Snoring every night as a risk factor for myocardial infarction: a case-control study. D'Alessandro R, et al. **BMJ** 1990 Jun 16;300(6739):1557–8
Early detection of acute myocardial infarction: additional diagnostic information from serum concentrations of myoglobin in patients without ST elevation. Ohman EM, et al. **Br Heart J** 1990 Jun;63(6):335–8
Pseudoxanthoma elasticum presenting with myocardial infarction. Slade AK, et al. **Br Heart J** 1990 Jun;63(6):372–3
Importance of reciprocal ST segment depression in leads V5 and V6 as an indicator of disease of the left anterior descending coronary artery in acute inferior wall myocardial infarction. Strasberg B, et al. **Br Heart J** 1990 Jun;63(6):339–41
Threatened reinfarction. Effective therapy using streptokinase with reversal of cardiogenic shock. Andrews WR, et al. **Chest** 1990 Aug;98(2):495–7
Chest pain and increased CK-MB enzyme levels [clinical conference] Georgiou D, et al. **Chest** 1990 Aug;98(2):442–7
Nearly fatal idiopathic anaphylactic reaction resulting in cardiovascular collapse and myocardial infarction. Wong S, et al. **Chest** 1990 Aug;98(2):501–3
ACC/AHA guidelines for the early management of patients with acute myocardial infarction. A report of the American College of Cardiology/American Heart Association Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures (subcommittee to develop guidelines for the early management of patients with acute myocardial infarction). **Circulation** 1990 Aug;82(2):664–707 (223 ref.)
Determinants of hemodynamic compromise with severe right ventricular infarction. Goldstein JA, et al. **Circulation** 1990 Aug;82(2):359–68
Myocardial protection with preconditioning. Li GC, et al. **Circulation** 1990 Aug;82(2):609–19
Natural history of left ventricular size and function after acute myocardial infarction. Assessment and prediction by echocardiographic endocardial surface mapping. Picard MH, et al. **Circulation** 1990 Aug;82(2):484–94
The approach to nonsustained ventricular tachycardia after a myocardial infarction [comment] Wellens HJ. **Circulation** 1990 Aug;82(2):633–5. Comment on: Circulation 1990 Aug;82(2):350–8.
Acute myocardial infarction with cardiogenic shock during pregnancy: treatment with intra-aortic balloon counterpulsation. Allen JN, et al. **Crit Care Med** 1990 Aug; 18(8):888–9
Acute MI management in the 1990s. Antman EM, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):65–75, 79–82
One acute myocardial infarction or two? Hancock EW. **Hosp Pract [Off]** 1990 Aug 15;25(8):104, 106
Wanted: dead or alive—the search for markers of myocardial viability [comment] Goldstein RA. **J Am Coll Cardiol** 1990 Aug;16(2):486–8 (30 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):477–85.
Guidelines for the early management of patients with acute myocardial infarction. A report of the American College of Cardiology/American Heart Association Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures (Subcommittee to Develop Guidelines for the Early Management of Patients with Acute Myocardial Infarction). Gunnar RM, et al. **J Am Coll Cardiol** 1990 Aug;16(2):249–92 (223 ref.)
Risk stratification before thrombolytic therapy in patients with acute myocardial infarction. The Thrombolysis in Myocardial Infarction (TIMI) Phase II Co-Investigators. Hillis LD, et al. **J Am Coll Cardiol** 1990 Aug;16(2):313–5
Cardiac rupture, mortality and the timing of thrombolytic therapy: a meta-analysis. Honan MB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):359–67
Progressive failure of coronary flow during reperfusion of myocardial infarction: documentation of the no reflow phenomenon with positron emission tomography. Jeremy RW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):695–704
Coronary reperfusion studies with pro-urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. Kasper W, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):733–8
Is there a role for multivessel coronary angioplasty early after acute myocardial infarction? [editorial; comment] Kennedy JW. **J Am Coll Cardiol** 1990 Sep;16(3):551–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):545–50.
Multivessel coronary angioplasty early after acute myocardial infarction [see comments] Nath A, et al. **J Am Coll Cardiol** 1990 Sep;16(3):545–50. Comment in: J Am Coll Cardiol 1990 Sep;16(3):551–2.
Stroke and acute myocardial infarction in the thrombolytic era: clinical correlates and long-term prognosis [see comments] O'Connor CM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):533–40. Comment in: J Am Coll Cardiol 1990 Sep;16(3):541–4.
Postinfarction ventricular tachycardia and fibrillation: reassessing the role of drug therapy and approach to the high risk patient [editorial; comment] Peter CT, et al. **J Am Coll Cardiol** 1990 Sep;16(3):531–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):521–30.
Reinfarction after thrombolytic therapy for acute myocardial infarction followed by conservative management: incidence and effect of smoking. Rivers JT, et al. **J Am Coll Cardiol** 1990 Aug;16(2):340–8
Stroke complicating thrombolytic therapy of acute myocardial infarction [comment] Sloan MA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):541–4. Comment on: J Am Coll Cardiol 1990 Sep;16(3):533–40.
Augmentation of mortality risk discriminating power of left ventricular ejection fraction by measures of nonuniformity in systolic emptying on radionuclide ventriculography. Weissler AM, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):387–95
Determinants of prognosis in symptomatic ventricular tachycardia or ventricular fibrillation late after myocardial infarction. The Dutch Ventricular Tachycardia Study Group of the Interuniversity Cardiology Institute of The Netherlands [see comments] Willems AR, et al. **J Am Coll Cardiol** 1990 Sep;16(3):521–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):531–2.
Acute myocardial infarction in pediatric systemic lupus erythematosus. Friedman DM, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):263–6
Temporary left ventricular assistance with a Hemopump assist device during acute myocardial infarction [letter] Jegaden O, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):311–3
Impact of intravenous thrombolysis on short-term coronary revascularization rates. A meta-analysis [see comments] Naylor CD, et al. **JAMA** 1990 Aug 8;264(6):697–702. Comment in: JAMA 1990 Aug 8;264(6):738–9.
Thrombolytic therapy of patients with acute myocardial infarction [editorial; comment] Schlant RC. **JAMA** 1990 Aug 8;264(6):738–9. Comment on: JAMA 1990 Aug 8;264(6):697–702.
Thrombolytic therapy in suspected myocardial infarction [letter] Base W, et al. **Lancet** 1990 Aug 4;336(8710):311
GISSI-2: 10% reduction in mortality with heparin in acute myocardial infarction? [letter] Collins R, et al. **Lancet** 1990 Aug 18;336(8712):439–40
Treatment adherence and risk of death after a myocardial infarction. Horwitz RI, et al. **Lancet** 1990 Sep 1; 336(8714):542–5
Association of sleep apnoea with myocardial infarction in men. Hung J, et al. **Lancet** 1990 Aug 4;336(8710):261–4
GISSI-2 and the heparin controversy. White HD. **Lancet** 1990 Aug 4;336(8710):297–8
Prognosis and management after a first myocardial infarction [letter] **N Engl J Med** 1990 Aug 23;323(8):548–50

MYOCARDIAL REPERFUSION

Ischemia-reperfusion impairs endothelium-dependent relaxation of coronary microvessels but does not affect large arteries. Quillen JE, et al. **Circulation** 1990 Aug; 82(2):586–94
Intermittent perfusion of ischemic myocardium. Possible mechanisms of protective effects on mechanical function in isolated rat heart. Tani M, et al. **Circulation** 1990 Aug; 82(2):536–48
Acute MI management in the 1990s. Antman EM, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):65–75, 79–82
Progressive failure of coronary flow during reperfusion of myocardial infarction: documentation of the no reflow phenomenon with positron emission tomography. Jeremy RW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):695–704

MYOCARDIAL REPERFUSION INJURY

Myocardial stunning in dogs: preconditioning effect and influence of coronary collateral flow. Cohen MV, et al. **Am Heart J** 1990 Aug;120(2):282–91
Evidence for a role of platelet activating factor in the pathogenesis of irreversible but not reversible myocardial injury after reperfusion in dogs. Maruyama M, et al. **Am Heart J** 1990 Sep;120(3):510–20
Oxygenated cardioplegia: blood is a many splendored thing [comment] Buckberg GD. **Ann Thorac Surg** 1990 Aug; 50(2):175–7. Comment on: Ann Thorac Surg 1990 Aug;50(2):230–7.
Preservation of myocardial function and biochemistry after blood and oxygenated crystalloid cardioplegia during cardiac arrest [see comments] Coetzee A, et al. **Ann Thorac Surg** 1990 Aug;50(2):230–7. Comment in: Ann Thorac Surg 1990 Aug;50(2):175–7.
Myocardial protection by retrograde cardioplegia in arterial switch operation. Yonenaga K, et al. **Ann Thorac Surg** 1990 Aug;50(2):238–42
The concentration of calcium in neonatal cardioplegia. Zweng TN, et al. **Ann Thorac Surg** 1990 Aug;50(2):262–7
Combined adenosine and lidocaine administration limits myocardial reperfusion injury. Homeister JW, et al. **Circulation** 1990 Aug;82(2):595–608
Myocardial oxygen utilization after reversible global ischemia [see comments] Bavaria JE, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):210–20. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):310–11.
The stunned myocardium: newer insights into mechanisms and clinical implications [letter; comment] Braunwald E. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):310–1. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):210–20.
Rapid cooling contracture of the myocardium. The adverse effect of prearrest cardiac hypothermia. Rebeyka IM, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):240–9

MYOCARDIAL REVASCULARIZATION

Impact of intravenous thrombolysis on short-term coronary revascularization rates. A meta-analysis [see comments] Naylor CD, et al. **JAMA** 1990 Aug 8;264(6):697-702. Comment in: JAMA 1990 Aug 8;264(6):738-9.

MYOCARDITIS

Expression and distribution of atrial natriuretic polypeptide in the ventricles of children with myocarditis and/or myocardial infarction secondary to Kawasaki disease: immunohistochemical study. Fujiwara T, et al. **Am Heart J** 1990 Sep;120(3):612-8

Successful therapy for Toxoplasma gondii myocarditis in acquired immunodeficiency syndrome. Grange F, et al. **Am Heart J** 1990 Aug;120(2):443-4

Aspergillus myocarditis presenting as myocardial infarction with complete heart block. Rogers JG, et al. **Am Heart J** 1990 Aug;120(2):430-2

Percutaneous fiberoptic angioscopy of the left ventricle in patients with dilated cardiomyopathy and acute myocarditis. Uchida Y, et al. **Am Heart J** 1990 Sep; 120(3):677-87

Possible Lyme carditis--not definite [letter] Luger SW. **Arch Intern Med** 1990 Aug;150(8):1755

Antiphospholipid antibodies. A marker of lupus carditis? [comment] O'Rourke RA. **Circulation** 1990 Aug; 82(2):636-8. Comment on: Circulation 1990 Aug;82(2):369-75.

Enhancement of coxsackievirus B4 virulence by indomethacin. Khatib R, et al. **J Lab Clin Med** 1990 Jul; 116(1):116-20

Myocarditis [letter] Adams VI. **JAMA** 1990 Aug 8; 264(6):694-5

Cardiac biopsy in myocarditis [editorial] **Lancet** 1990 Aug 4;336(8710):283-4

MYOCARDIUM

The heart and conduction system in acute Kawasaki disease: report of fraternal cases--one lethal, one relapsing. Bharati S, et al. **Am Heart J** 1990 Aug;120(2):359-65

Expression and distribution of atrial natriuretic polypeptide in the ventricles of children with myocarditis and/or myocardial infarction secondary to Kawasaki disease: immunohistochemical study. Fujiwara T, et al. **Am Heart J** 1990 Sep;120(3):612-8

Effects of ritodrine tocolysis on cardiac isozymes and electrocardiography [letter] Hendricks SK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):699-701

Doxorubicin-induced alterations in cultured myocardial cells stimulate cytolytic T lymphocyte responses. Huber SA. **Am J Pathol** 1990 Aug;137(2):449-56

Myocardial fibrosis in the elderly. Klima M, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):938-42

In vivo studies of myocardial beta-adrenergic receptor pharmacology in patients with congestive heart failure. Colucci WS. **Circulation** 1990 Aug;82(2 Suppl):I44-51 (34 ref.)

Myocardial catecholamines and the pathophysiology of heart failure. Daly PA, et al. **Circulation** 1990 Aug;82(2 Suppl):I35-43 (107 ref.)

Effect of beta-adrenergic blockade on myocardial function and energetics in congestive heart failure. Improvements in hemodynamic, contractile, and diastolic performance with bucindolol. Eichhorn EJ, et al. **Circulation** 1990 Aug; 82(2):473-83

Myocardial protection with preconditioning. Li GC, et al. **Circulation** 1990 Aug;82(2):609-19

Natural history of left ventricular size and function after acute myocardial infarction. Assessment and prediction by echocardiographic endocardial surface mapping. Picard MH, et al. **Circulation** 1990 Aug;82(2):484-94

Myocardial catecholamine content after heart transplantation [see comments] Regitz V, et al. **Circulation** 1990 Aug; 82(2):620-3. Comment in: Circulation 1990 Aug;82(2):658-60.

Increase in [3H]PN 200-110 binding to cardiac muscle membrane in streptozocin-induced diabetic rats. Nishio Y, et al. **Diabetes** 1990 Sep;39(9):1064-9

Transcapillary permeability and subendothelial distribution of endothelial and amniotic fluid insulin-like growth factor binding proteins in the rat heart. Bar RS, et al. **Endocrinology** 1990 Sep;127(3):1078-86

Myocardial oxygen utilization after reversible global ischemia [see comments] Bavaria JE, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):210-20. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):310-11.

Cardiac biopsy in myocarditis [editorial] **Lancet** 1990 Aug 4;336(8710):283-4

Na(+)-Ca2+ exchanger and cardiac contraction [editorial] **Lancet** 1990 Jul 28;336(8709):219-20

Quantification of patterns of regional cardiac metabolism. Lear JL, et al. **Radiology** 1990 Sep;176(3):659-64

Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatibility complex. Wasfie T, et al. **Surgery** 1990 Aug;108(2):431-40; discussion 440-1

MYOEPITHELIAL TUMOR

A spindle-cell myoepithelioma of the lacrimal gland. Heathcote JG, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1135-9

MYOGLOBIN

Early detection of acute myocardial infarction: additional diagnostic information from serum concentrations of myoglobin in patients without ST elevation. Ohman EM, et al. **Br Heart J** 1990 Jun;63(6):335-8

MYOMETRIUM

Alteration of 24-hour rhythms in myometrial activity in the chronically catheterized pregnant rhesus monkey after a 6-hour shift in the light-dark cycle. Figueroa JP, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):648-54

Gestational changes in mechanical properties of skinned muscle tissues of human myometrium. Izumi H, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):638-47

Studies of the spontaneous motility and the effect of histamine on isolated myometrial strips of the nonpregnant human uterus: the influence of various uterine abnormalities. Martinez-Mir I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):189-95

Treatment with GnRH agonists before myomectomy and the risk of short-term myoma recurrence. Fedele L, et al. **Br J Obstet Gynaecol** 1990 May;97(5):393-6

Oxytocin and vasopressin receptors in bovine endometrium and myometrium during the estrous cycle and early pregnancy. Fuchs AR, et al. **Endocrinology** 1990 Aug; 127(2):629-36

Myometrial oxytocin receptors levels in the pregnant rat are higher in distal than in proximal portions of the horn and correlate with disparate oxytocin responsive myometrial contractility in these segments. Gorodeski GI, et al. **Endocrinology** 1990 Sep;127(3):1136-43

MYOSITIS

Tuberculous polymyositis in HIV infection [letter] Pouchot J, et al. **Am J Med** 1990 Aug;89(2):250-1

HLA-D region genes associated with autoantibody responses to histidyl-transfer RNA synthetase (Jo-1) and other translation-related factors in myositis. Goldstein R, et al. **Arthritis Rheum** 1990 Aug;33(8):1240-8 (55 ref.)

Exercise limitation in patients with polymyositis. Hebert CA, et al. **Chest** 1990 Aug;98(2):352-7

L-tryptophan-associated eosinophilic perimyositis, neuritis, and fasciitis. A clinicopathologic and laboratory study of 25 patients. Kaufman LD, et al. **Medicine (Baltimore)** 1990 Jul;69(4):187-99

MYOTONIA ATROPHICA

Abnormalities of aneural and innervated cultured muscle fibers from patients with myotonic atrophy (dystrophy). Kobayashi T, et al. **Arch Neurol** 1990 Aug;47(8):893-6

Severe congestive heart failure and cardiomyopathy as a complication of myotonic dystrophy in pregnancy. Fall LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):481-5

Electrocardiographic abnormalities in patients with myotonic dystrophy. Florek RC, et al. **West J Med** 1990 Jul; 153(1):24-7 (26 ref.)

NADH, NADPH OXIDOREDUCTASES

A neutrophil GTP-binding protein that regulates cell free NADPH oxidase activation is located in the cytosolic fraction. Gabig TG, et al. **J Immunol** 1990 Aug 1; 145(3):945-51

NADOLOL

Comparison of hypersensitivity to adrenergic stimulation after abrupt withdrawal of propranolol and nadolol: influence of half-life differences. Krukemyer JJ, et al. **Am Heart J** 1990 Sep;120(3):572-9

Predictive value of electrophysiologic studies during treatment of ventricular tachycardia with the beta-blocking agent nadolol. The Working Group on Arrhythmias of the French Society of Cardiology. Leclercq JF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):413-7

NAIL DISEASES

Twenty-nail dystrophy. A clinical manifestation of spongiotic inflammation of the nail matrix. Jerasutus S, et al. **Arch Dermatol** 1990 Aug;126(8):1068-70

Pterygium inversum unguis in a patient with leprosy [letter] Patki AH. **Arch Dermatol** 1990 Aug;126(8):1110

Multiple Beau's lines due to recurrent erythema nodosum leprosum [letter] Patki AH. **Arch Dermatol** 1990 Aug; 126(8):1110-1

NALOXONE

Naloxone increases ventilatory response to hypercapnic hypoxia in healthy adult humans. Akiyama Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):301-5

American Academy of Pediatrics Committee on Drugs: Naloxone dosage and route of administration for infants and children: addendum to emergency drug doses for infants and children. **Pediatrics** 1990 Sep;86(3):484-5

NAPHTHALENES

Pharmacokinetics and pharmacodynamics of pravastatin alone and with cholestyramine in hypercholesterolemia. Pan HY, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):201-7

NARCOLEPSY

Narcolepsy update. Richardson JW, et al. **Mayo Clin Proc** 1990 Jul;65(7):991-8 (63 ref.)

NARCOTIC DEPENDENCE

Corrections and revised analyses for psychotherapy in methadone maintenance patients [letter] Woody G, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):788-9

NASAL CAVITY

Effect of ozone inhalation on the response to nasal challenge with antigen of allergic subjects. Bascom R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):594-601

Superior oblique muscle dysfunction following anterior ethmoidal artery ligation for epistaxis. Couch JM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1110-3

NASAL MUCOSA

Dissimilar expression of axonemal anomalies in respiratory cilia and sperm flagella in infertile men. Escudier E, et al. **Am Rev Respir Dis** 1990 Sep;142(3):674-9

Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Nichol GM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):576-80

Neonatal cilia: ultrastructure. Barlow J, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):708-10

The cocaine user: the potential problem patient for rhinoplasty. Slavin SA, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):436-42

NASAL OBSTRUCTION

Nasal influences on snoring and obstructive sleep apnea. Olsen KD, et al. **Mayo Clin Proc** 1990 Aug;65(8):1095-105 (68 ref.)

NASAL PROVOCATION TESTS

Nasal provocation challenge. The Committee on Upper Airway Allergy. Druce HM, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):261-4 (25 ref.)

NASAL SEPTUM

Medially based horizontal nasolabial flaps for reconstruction of columellar defects. Pincus RL, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):973-4

NASOPHARYNGEAL DISEASES

Nasopharyngeal cyst simulating Kaposi's sarcoma in an HIV-infected patient. Harrison HC, et al. **J Laryngol Otol** 1990 Jun;104(6):498-500

NASOPHARYNGEAL NEOPLASMS

Nasopharyngeal craniopharyngioma. Case report and literature review. Byrne MN, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):633-9 (34 ref.)

Cancer of the nasopharynx in childhood. Huang TB. **Cancer** 1990 Sep 1;66(5):968-71

NASOPHARYNX

Nasopharyngeal lymphatic tissue in patients infected with human immunodeficiency virus. A prospective clinicopathologic study. Barzan L, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):928-31

Respiratory viruses and mycoplasma as cofactors for epidemic group A meningococcal meningitis. Moore PS, et al. **JAMA** 1990 Sep 12;264(10):1271-5

NATIONAL INSTITUTES OF HEALTH (U.S.)

Government support for lung research. Brigham KL. **Am Rev Respir Dis** 1990 Aug;142(2):271-3

NATRIURETIC PEPTIDES, ATRIAL

Expression and distribution of atrial natriuretic polypeptide in the ventricles of children with myocarditis and/or myocardial infarction secondary to Kawasaki disease: immunohistochemical study. Fujiwara T, et al. **Am Heart J** 1990 Sep;120(3):612-8

Cardiovascular effects of intracoronary atrial natriuretic peptide administration in man. Herrmann HC, et al. **Am Heart J** 1990 Aug;120(2):308-15

Effect of plasma volume expansion on hemodynamics and

atrial natriuretic factor release in heart-transplant recipients. Dussaule JC, et al. **Am J Cardiol** 1990 Aug 15; 66(4):477–83
Plasma atrial arginine vasopressin levels vary little between preeclamptic and control patients [letter] Elias AN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):245
Interrelationship between atrial natriuretic factor concentrations and acute volume expansion in pregnant and nonpregnant women. Hatjis CG, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):45–50
Atrial natriuretic factor in hydrops fetalis caused by Rh isoimmunisation. Moya FR, et al. **Arch Dis Child** 1990 Jul; 65(7 Spec No):683–6
Secretion and clinical significance of atrial natriuretic peptide in patients with muscular dystrophy. Kawai H, et al. **Arch Neurol** 1990 Aug;47(8):900–4
Artrial natriuretic peptide in fetal disease. Fisk NM, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):545–6
Reduced atrial natriuretic peptide concentrations in premenstrual syndrome. Hussain SY, et al. **Br J Obstet Gynaecol** 1990 May;97(5):397–401
Hemodynamic effects of atrial natriuretic factor in young and elderly subjects. Jansen TL, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):179–88
Positive-pressure ventilation with positive end-expiratory pressure and atrial natriuretic peptide release. Teba L, et al. **Crit Care Med** 1990 Aug;18(8):831–5
Preparation of monoclonal antibodies against brain natriuretic peptide and their application to radioimmunoassay and passive immunization. Itoh H, et al. **Endocrinology** 1990 Sep;127(3):1292–300
Atrial volume in cirrhosis: relationship to blood volume and plasma concentration of atrial natriuretic factor. Rector WG Jr, et al. **Gastroenterology** 1990 Sep;99(3):766–70
Response of atrial natriuretic factor to postural change in patients with heart failure versus subjects with normal hemodynamics. Moe GW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):599–606
Inhibition of Na/H exchange in avian intestine by atrial natriuretic factor. Semrad CE, et al. **J Clin Invest** 1990 Aug;86(2):585–91
Effects of atrial natriuretic peptide versus mannitol on renal blood flow during radiocontrast infusion in chronic renal failure. Kurnik BR, et al. **J Lab Clin Med** 1990 Jul; 116(1):27–36

NATUROPATHY

Naturopathic services [letter] Leyton E. **Can Med Assoc J** 1990 Aug 1;143(3):174–5

NAUSEA

Gastric dysrhythmias and nausea of pregnancy. Koch KL, et al. **Dig Dis Sci** 1990 Aug;35(8):961–8

NAVAL MEDICINE

Butterfat and the Navy Ration Law [letter] Savage RW, et al. **Am J Cardiol** 1990 Aug 15;66(4):528

NEAR DROWNING

Effect of hypothermia and cardiac arrest on outcome of near-drowning accidents in children. Biggart MJ, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):179–83
From the Centers for Disease Control. Child drownings and near drownings associated with swimming pools—Maricopa County, Arizona, 1988 and 1989. **JAMA** 1990 Aug 8;264(6):680

NEBULIZERS AND VAPORIZERS

Problem with the Vapor vaporizer [letter] Driessen JJ, et al. **Anaesthesia** 1990 Jul;45(7):597
Effective bronchodilator treatment by a simple spacer device for wheezy premature infants. Yuksel B, et al. **Arch Dis Child** 1990 Jul;65(7):782–5
Evaluation of nebulizers for use in neonatal ventilator circuits. Cameron D, et al. **Crit Care Med** 1990 Aug; 18(8):866–70

NECK

Image-guided needle biopsy of inaccessible head and neck lesions. Robbins KT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):957–61

NECROSIS

Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. van Klaveren RJ, et al. **Gut** 1990 Aug;31(8):953–5

NEEDLES

Retropubic long-needle suspension procedures for stress urinary incontinence. Varner RE. **Am J Obstet Gynecol** 1990 Aug;163(2):551–7
A re-evaluation of the Whitacre spinal needle in obstetric anaesthesia—a pilot study [letter] Thomas TA, et al. **Anaesthesia** 1990 Jun;45(6):489
Blood culture phlebotomy: switching needles does not prevent contamination. Krumholz HM, et al. **Ann Intern Med** 1990 Aug 15;113(4):290–2
Marrow aspiration from small infants [letter] Carr R. **Arch Dis Child** 1990 Jul;65(7):813
AIDS threat leads to changes in production of gloves, needles [news] **Can Med Assoc J** 1990 Aug 1;143(3):204
Recapping used needles: is it worse than the alternative? [letter] Jagger J, et al. **J Infect Dis** 1990 Sep;162(3):784–5
Avoiding exposure to HIV by needle stick [letter] Renschler MF. **N Engl J Med** 1990 Aug 30;323(9):611–2
The pump maneuver: an atraumatic adjunct to enhance US needle tip localization. Bisceglia M, et al. **Radiology** 1990 Sep;176(3):867–8
Efficacy of automated biopsy guns versus conventional biopsy needles in the pygmy pig [see comments] Hopper KD, et al. **Radiology** 1990 Sep;176(3):671–6. Comment in: Radiology 1990 Sep;176(3):615–6.
Comparison of 22-gauge Chiba and screw-tipped needles for cytologic diagnosis of malignancy in in vitro tumor specimens. Mindell HJ, et al. **Radiology** 1990 Sep; 176(3):681–2
Percutaneous pediatric renal biopsy: use of the biopsy gun [see comments] Poster RB, et al. **Radiology** 1990 Sep; 176(3):725–7. Comment in: Radiology 1990 Sep;176(3):615–6.

NEGROID RACE

Black-white differences in stroke incidence in a national sample. The contribution of hypertension and diabetes mellitus. Kittner SJ, et al. **JAMA** 1990 Sep 12; 264(10):1267–70
Pregnancy complicated by hemoglobin CC and C-beta-thalassemia disease. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):324–7

NEISSERIA GONORRHOEAE

Modification by sialic acid of Neisseria gonorrhoeae lipooligosaccharide epitope expression in human urethral exudates: an immunoelectron microscopic analysis. Apicella MA, et al. **J Infect Dis** 1990 Aug;162(2):506–12

NEISSERIA MENINGITIDIS

Throat culture from patients with meningococcal meningitis [letter] Sippel JE, et al. **J Clin Pathol** 1990 Jul;43(7):610–1

NEMATODA

Paragordius varius. Smith DR, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):981–3

NEMATODE INFECTIONS

Paragordius varius. Smith DR, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):981–3

NEONATAL SCREENING

Age-adjusted thyrotropin criteria for neonatal screening for hypothyroidism. Allen DB, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):309–12

NEONATOLOGY

Charles-Michel Billard (1800–1832): pioneer of neonatal medicine. Dunn PM. **Arch Dis Child** 1990 Jul;65(7 Spec No):711–2

NEOPLASM CIRCULATING CELLS

Resection of nonrenal retroperitoneal tumors with large vena caval thrombi using cardiopulmonary bypass and hypothermic circulatory arrest. Angermeier KW, et al. **J Urol** 1990 Sep;144(3):735–9

NEOPLASM PROTEINS

Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug resistance. Kuwazuru Y, et al. **Cancer** 1990 Sep 1; 66(5):868–73
Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310–8
A specific defect of prosolin phosphorylation in T cell leukemic lymphoblasts is associated with impaired down-regulation of DNA synthesis. Cooper HL, et al. **J Immunol** 1990 Aug 15;145(4):1205–13
Simultaneous measurement of CA 125, CA 19-9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Kamiya N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):417–21

NEOPLASM RECURRENCE, LOCAL

Late recurrence of malignant melanoma. Analysis of 168 patients. Crowley NJ, et al. **Ann Surg** 1990 Aug; 212(2):173–7
Survival following locoregional recurrence after breast conservation therapy for cancer. Stotter A, et al. **Ann Surg** 1990 Aug;212(2):166–72
Association between transfusion with plasma and the recurrence of colorectal carcinoma. Marsh J, et al. **Br J Surg** 1990 Jun;77(6):623–6
Endoluminal ultrasound for early detection of local recurrence of rectal cancer [letter] Reed MW, et al. **Br J Surg** 1990 Jun;77(6):716
Complications and local recurrence following lymphadenectomy. Shaw JH, et al. **Br J Surg** 1990 Jul; 77(7):760–4
Plasma prolactin as an indicator of disease progression in advanced breast cancer. Bhatavdekar JM, et al. **Cancer** 1990 May 1;65(9):2028–32
Superficial microwave-induced hyperthermia in the treatment of chest wall recurrences in breast cancer. DuBois JB, et al. **Cancer** 1990 Sep 1;66(5):848–52
Pediatric osteosarcoma. Successful retreatment of relapsed primary tumor and soft tissue recurrence with intraarterial cis-diamminedichloroplatin-II. Epelman S, et al. **Cancer** 1990 Aug 15;66(4):801–5
Recurrent gestational trophoblastic disease. Experience of the Southeastern Regional Trophoblastic Disease Center. Mutch DG, et al. **Cancer** 1990 Sep 1;66(5):978–82
Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer. Ryu J, et al. **Cancer** 1990 Sep 1;66(5):844–7
Acute lymphoblastic leukemia. An unusual case of primary relapse in the uterine cervix. Zutter MM, et al. **Cancer** 1990 Sep 1;66(5):1002–4
Correlation of in vitro bromodeoxyuridine labeling index and DNA aneuploidy with survival or recurrence in brain-tumor patients. Nishizaki T, et al. **J Neurosurg** 1990 Sep;73(3):396–400
Low dose intravesical heparin as prophylaxis against recurrent noninvasive (stage Ta) bladder cancer. Bitsch M, et al. **J Urol** 1990 Sep;144(3):635–6
Long-term followup of patients treated with 1 or 2, 6-week courses of intravesical bacillus Calmette-Guerin: analysis of possible predictors of response free of tumor. Coplen DE, et al. **J Urol** 1990 Sep;144(3):652–7
Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. Flamm J, et al. **J Urol** 1990 Aug;144(2 Pt 1):260–3
Quantitative immunocytology in the management of patients with superficial bladder carcinoma. I. A marker to identify patients who do not require prophylaxis. Huland E, et al. **J Urol** 1990 Sep;144(3):637–9; discussion 639–40
The use of transrectal ultrasound in the detection and evaluation of local pelvic recurrences after a radical urological pelvic operation. Parra RO, et al. **J Urol** 1990 Sep;144(3):707–9
125iodine reimplantation for locally progressive prostatic carcinoma. Wallner KE, et al. **J Urol** 1990 Sep;144(3):704–6
Simultaneous measurement of CA 125, CA 19-9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Kamiya N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):417–21
Recurrent Paget disease of the vulva in a split-thickness graft. Misas JE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):543–4
Late recurrence of localized cutaneous melanoma: its influence on follow-up policy. McEwan L, et al. **Plast Reconstr Surg** 1990 Sep;86(3):527–34
Early breast cancer: detection of recurrence after conservative surgery and radiation therapy. Hassell PR, et al. **Radiology** 1990 Sep;176(3):731–5
Surveillance strategies after resection of carcinoma of the colon and rectum. Fantini GA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):267–73 (58 ref.)
Assessment of pattern and treatment of intrahepatic recurrence after resection of hepatocellular carcinoma. Nagasue N, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):217–22
A reappraisal of prophylactic mastectomy. Wapnir IL, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):171–84 (168 ref.)
Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)

NEOPLASM REGRESSION, SPONTANEOUS

Lymph node metastasis from melanoma with an unknown primary site. Jonk A, et al. **Br J Surg** 1990 Jun;77(6):665–8
Spontaneous resolution of multiple hemangiomas of the brain. Case report. Abe M, et al. **J Neurosurg** 1990 Sep; 73(3):448–52

NEOPLASM SEEDING

RE: The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer [letter] Hanks GE. **J Urol** 1990 Sep;144(3):751–2

NEOPLASM STAGING

Body MR imaging and the local staging of neoplasms [comment] Aisen AM. **Radiology** 1990 Sep;176(3):617–9. Comment on: Radiology 1990 Sep;176(3):623–8.

NEOPLASMS

Diagnosis of major depression in cancer patients according to four sets of criteria. Kathol RG, et al. **Am J Psychiatry** 1990 Aug;147(8):1021–4

Palliative care for children with cancer—home, hospital, or hospice? Goldman A, et al. **Arch Dis Child** 1990 Jun; 65(6):641–3

Childhood cancer: cure at what cost? Morris-Jones PH, et al. **Arch Dis Child** 1990 Jun;65(6):638–40 (32 ref.)

A retrospective cohort study of cancer incidence among New York State Farm Bureau members. Stark AD, et al. **Arch Environ Health** 1990 May–Jun;45(3):155–62

A structured psychiatric intervention for cancer patients. I. Changes over time in methods of coping and affective disturbance. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):720–5

A structured psychiatric intervention for cancer patients. II. Changes over time in immunological measures. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):729–35

Inflammation and cancer: role of phagocyte-generated oxidants in carcinogenesis. Weitzman SA, et al. **Blood** 1990 Aug 15;76(4):655–63 (167 ref.)

Attitudes to chemotherapy: comparing views of patients with cancer with those of doctors, nurses, and general public. Slevin ML, et al. **BMJ** 1990 Jun 2;300(6737):1458–60

A phase I study of recombinant human interleukin-2 and alpha-interferon-2a in patients with renal cell cancer, colorectal cancer, and malignant melanoma. Mittelman A, et al. **Cancer** 1990 Aug 15;66(4):664–9

Identification of activated T cell receptor gamma delta lymphocytes in the liver of tumor-bearing hosts. Seki S, et al. **J Clin Invest** 1990 Aug;86(2):409–15

Constant infusion of morphine for intractable cancer pain using an implanted pump. Hassenbusch SJ, et al. **J Neurosurg** 1990 Sep;73(3):405–9

Knowledge acquired during camp for children with cancer [letter] Ladd RE, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):337–8

From the National Institutes of Health. Raub W. **JAMA** 1990 Sep 5;264(9):1086

International trends in cancer mortality in France, West Germany, Italy, Japan, England and Wales, and the USA. Davis DL, et al. **Lancet** 1990 Aug 25;336(8713):474–81

Myeloid neoplasia in children treated for solid tumours. Pui CH, et al. **Lancet** 1990 Aug 18;336(8712):417–21

Nuclear magnetic resonance spectroscopy of plasma for the detection of malignant tumors [letter] **N Engl J Med** 1990 Sep 6;323(10):677–81

Lasers in photodynamic therapy. McCaughan L. **Nurs Clin North Am** 1990 Sep;25(3):725–38 (25 ref.)

Uses of data to plan cancer prevention and control programs. Boss LP, et al. **Public Health Rep** 1990 Jul–Aug; 105(4):354–60

Diagnosis at the bedside by gene analysis. Phillips JA 3d. **South Med J** 1990 Aug;83(8):868–75 (15 ref.)

Cancer risks and prevention practices among Vietnamese refugees. Jenkins CN, et al. **West J Med** 1990 Jul; 153(1):34–9

NEOPLASMS, EMBRYONAL AND MIXED

The effect of a 7-day delay in chemotherapy cycles on complete response and event-free survival in good-risk disseminated germ cell tumor patients. Motzer RJ, et al. **Cancer** 1990 Sep 1;66(5):857–61

Tumor angiogenesis formation of vessels de novo at germ cell tumors. Nacov E. **Cancer** 1990 Sep 1;66(5):916–22

Nerve-sparing retroperitoneal lymphadenectomy with preservation of ejaculation. Donohue JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):287–91; discussion 291–2

Bilateral synchronous testis tumors of different histology in a patient with the acquired immunodeficiency syndrome related complex. Roehrborn CG, et al. **J Urol** 1990 Aug; 144(2 Pt 1):353–5

NEOPLASMS, EXPERIMENTAL

IFN-gamma is the inducer of indoleamine 2,3-dioxygenase in allografted tumor cells undergoing rejection. Takikawa O, et al. **J Immunol** 1990 Aug 15;145(4):1246–50

Effect of blood transfusions on immune function. Part VI. Effect on immunologic response to tumor. Waymack JP, et al. **Surgery** 1990 Aug;108(2):172–7; discussion 177–8

NEOPLASMS, MULTIPLE ENDOCRINE

Islet cell tumors in von Hippel-Lindau disease: increased prevalence and relationship to the multiple endocrine neoplasias. Binkovitz LA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):501–5

Medical treatment and long-term survival in a prospective study of 84 patients with endocrine pancreatic tumors. Eriksson B, et al. **Cancer** 1990 May 1;65(9):1883–90

NEOPLASMS, MULTIPLE PRIMARY

Malignant leiomyomatosis peritonealis disseminata. Akkersdijk GJ, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):591–3

Multiple cutaneous granular cell tumors and neurofibromatosis in childhood. A case report and review of the literature. Martin RW 3d, et al. **Arch Dermatol** 1990 Aug;126(8):1051–6 (61 ref.)

Esophagography and esophagoscopy. Comparison in the examination of patients with head and neck carcinoma. Nino-Murcia M, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):917–9

The risk of subsequent primary malignant diseases after cancers of the colon and rectum. A nationwide cohort study. Enblad P, et al. **Cancer** 1990 May 1;65(9):2091–100

Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Lavey RS, et al. **Cancer** 1990 Sep 1;66(5):874–81

Phenotypic variation in colorectal adenoma/cancer expression in two families. Hereditary flat adenoma syndrome. Lynch HT, et al. **Cancer** 1990 Sep 1;66(5):909–15

Hodgkin's disease after non-Hodgkin's malignant lymphoma in acquired immune deficiency syndrome. Senaldi E, et al. **Cancer** 1990 Sep 1;66(5):960–4

Carcinosarcoma of the prostate in combination with adenocarcinoma of the prostate and adenocarcinoma of the seminal vesicles. A case report with immunocytochemical analysis and review of the literature. Zenklusen HR, et al. **Cancer** 1990 Sep 1;66(5):998–1001 (12 ref.)

The necessity of contralateral surgical exploration in Wilms tumor with modern noninvasive imaging technique: a reassessment. Koo AS, et al. **J Urol** 1990 Aug;144(2 Pt 2):416–7; discussion 422

Bilateral synchronous testis tumors of different histology in a patient with the acquired immunodeficiency syndrome related complex. Roehrborn CG, et al. **J Urol** 1990 Aug; 144(2 Pt 1):353–5

Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Graham D, et al. **Lancet** 1990 Sep 1;336(8714):574

White sponge nevus. Nichols GE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):545–8

NEOPLASMS, MUSCLE TISSUE

Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Suginami H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):527–9

NEOPLASMS, RADIATION-INDUCED

Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Lavey RS, et al. **Cancer** 1990 Sep 1;66(5):874–81

Radiation-induced prostatic sarcoma: a case report. Scully JM, et al. **J Urol** 1990 Sep;144(3):746–8

Estimation of radiation risk from screening mammography [letter] Koch RL. **Radiology** 1990 Sep;176(3):877

NEOPLASMS, UNKNOWN PRIMARY

Low back pain as the presenting symptom of metastatic angiosarcoma. Braker A, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):180–3

Lymph node metastasis from melanoma with an unknown primary site. Jonk A, et al. **Br J Surg** 1990 Jun;77(6):665–8

NEOPLASMS, VASCULAR TISSUE

Neoplastic angioendotheliomatosis. Raroque HG Jr, et al. **Arch Neurol** 1990 Aug;47(8):929–30

Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Suginami H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):527–9

A large leiomyoma of the digit [letter] Vaughn TR, et al. **Plast Reconstr Surg** 1990 Sep;86(3):605–6

NEOVASCULARIZATION

Optic disk neovascularization in juvenile rheumatoid arthritis. Semple HC, et al. **Am J Ophthalmol** 1990 Aug 15; 110(2):210–2

Tumor angiogenesis formation of vessels de novo at germ cell tumors. Nacov E. **Cancer** 1990 Sep 1;66(5):916–22

NEPHRECTOMY

The effect of protein intake on the lifelong changes in renal function of rats with a solitary kidney damaged at young age. Provoost AP, et al. **J Urol** 1990 Aug;144(2 Pt 2):567–73; discussion 593–4

Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin-2 or interleukin-2 plus lymphokine activated killer cells. Robertson CN, et al. **J Urol** 1990 Sep;144(3):614–7; discussion 617–8

Influence of nephrectomy on the growth of a murine Wilms tumor: a study using parabiotic rats. Trindade JC, et al. **J Urol** 1990 Aug;144(2 Pt 2):418–21; discussion 422

NEPHRITIS, INTERSTITIAL

Allergic nephropathy associated with ciprofloxacin. Rastogi S, et al. **Mayo Clin Proc** 1990 Jul;65(7):987–9

NEPHROBLASTOMA

Better survival after combined modality care for adults with Wilms' tumor. A report from the National Wilms' Tumor Study. Arrigo S, et al. **Cancer** 1990 Sep 1;66(5):827–30

Ifosfamide-induced renal tubular dysfunction and rickets in children with Wilms tumor. Burk CD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):331–5

The necessity of contralateral surgical exploration in Wilms tumor with modern noninvasive imaging technique: a reassessment. Koo AS, et al. **J Urol** 1990 Aug;144(2 Pt 2):416–7; discussion 422

Influence of nephrectomy on the growth of a murine Wilms tumor: a study using parabiotic rats. Trindade JC, et al. **J Urol** 1990 Aug;144(2 Pt 2):418–21; discussion 422

NEPHROLOGY

Procedural skills of practicing nephrologists. A national survey of 700 members of the American College of Physicians. Tape TG, et al. **Ann Intern Med** 1990 Sep 1; 113(5):392–7

NEPHROSIS, LIPOID

Preliminary report: renal thromboxane A2 synthesis in children with frequent relapsing nephrotic syndrome. Benigni A, et al. **Lancet** 1990 Sep 1;336(8714):533–4

NEPHROSTOMY, PERCUTANEOUS

Ureteronephroscopic endopyelotomy. Clayman RV, et al. **J Urol** 1990 Aug;144(2 Pt 1):246–51; discussion 251–2

NEPHROTIC SYNDROME

Proteinuria, not altered albumin metabolism, affects hyperlipidemia in the nephrotic rat. Davies RW, et al. **J Clin Invest** 1990 Aug;86(2):600–5

Abnormalities of lipoprotein metabolism in patients with the nephrotic syndrome [see comments] Joven J, et al. **N Engl J Med** 1990 Aug 30;323(9):579–84. Comment in: N Engl J Med 1990 Aug 30;323(9):603–4.

Hyperlipidemia in the nephrotic syndrome [editorial: comment] Keane WF, et al. **N Engl J Med** 1990 Aug 30; 323(9):603–4. Comment on: N Engl J Med 1990 Aug 30;323(9):579–84.

NERVE BLOCK

Clinical evaluation of double-burst stimulation. Its relationship to train-of-four stimulation. Gill SS, et al. **Anaesthesia** 1990 Jul;45(7):543–8

Mitochondrial myopathy and anaesthesia [letter] Kelly A, et al. **Anaesthesia** 1990 Jul;45(7):596

Anatomic consideration of the fascia iliaca compartment block [letter] Kizelshteyn G, et al. **Anesth Analg** 1990 Aug; 71(2):210–2

Long thoracic nerve block. Ramamurthy S, et al. **Anesth Analg** 1990 Aug;71(2):197–9

Superior hypogastric plexus block for pelvic cancer pain. Plancarte R, et al. **Anesthesiology** 1990 Aug;73(2):236–9

NERVE COMPRESSION SYNDROMES

Compression of the anterior interosseous nerve after use of a sling for dislocation of the acromioclavicular joint. A report of two cases. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1100–2

Lateral cutaneous nerve entrapment [letter] Applegate WV. **J Fam Pract** 1990 Aug;31(2):212

Cauda equina syndrome of long-standing ankylosing spondylitis. Case report and review of the literature. Tullous MW, et al. **J Neurosurg** 1990 Sep;73(3):441–7 (38 ref.)

Overuse syndrome in musicians. When playing an instrument hurts. Mandel S. **Postgrad Med** 1990 Aug;88(2):111–4

NERVE DEGENERATION

Association of painful and painless diabetic polyneuropathy with different patterns of nerve fiber degeneration and regeneration. Britland ST, et al. **Diabetes** 1990 Aug; 39(8):898–908

NERVE GROWTH FACTORS

NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. Kordower JH, et al. **J Neurosurg** 1990 Sep;73(3):418–28

NERVE REGENERATION

Spontaneous trigeminal-facial reinnervation. DeLacure MD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1079–81 (14 ref.)

Association of painful and painless diabetic polyneuropathy with different patterns of nerve fiber degeneration and regeneration. Britland ST, et al. **Diabetes** 1990 Aug; 39(8):898–908

NERVE TISSUE PROTEIN S 100

Immunohistochemical study of melanocytic nevus and

malignant melanoma with monoclonal antibodies against S-100 subunits. Cho KH, et al. **Cancer** 1990 Aug 15; 66(4):765-71

NERVE TISSUE PROTEINS

Autocrine regulation of parathyroid secretion: inhibition of secretion by chromogranin-A (secretory protein-I) and potentiation of secretion by chromogranin-A and pancreastatin antibodies. Fasciotto BH, et al. **Endocrinology** 1990 Sep;127(3):1329-35

Neuroendocrine sources of chromogranin-A in normal man: clues from selective stimulation of endocrine glands. Takiyyuddin MA, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):360-9

Mutation in codon 200 of scrapie amyloid protein gene in two clusters of Creutzfeldt-Jakob disease in Slovakia [letter] Goldfarb LG, et al. **Lancet** 1990 Aug 25; 336(8713):514-5

Increased human brain natriuretic peptide in congestive heart failure [letter] Mukoyama M, et al. **N Engl J Med** 1990 Sep 13;323(11):757-8

NERVOUS SYSTEM

Congenital folate malabsorption: reversible clinical and neurophysiologic abnormalities. Steinschneider M, et al. **Neurology** 1990 Aug;40(8):1315

NERVOUS SYSTEM DISEASES

Occult carbon monoxide poisoning in patients with neurologic illness. Heckerling PS, et al. **J Toxicol Clin Toxicol** 1990;28(1):29-44

Neurotoxicity after treatment with muromonab-CD3 [letter] Richards JM, et al. **N Engl J Med** 1990 Aug 16;323(7):487-8

Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190-6

NERVOUS SYSTEM NEOPLASMS

Chordomas with malignant spindle cell components. A DNA flow cytometric and immunohistochemical study with histogenetic implications. Hruban RH, et al. **Am J Pathol** 1990 Aug;137(2):435-47

NEURAL CONDUCTION

Deep peroneal sensory nerve. Standardization in nerve conduction study. Lee HJ, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):202-4

NEURAL CREST

Role of neural crest in congenital heart disease. Kirby ML, et al. **Circulation** 1990 Aug;82(2):332-40 (44 ref.)

NEURAL TRANSMISSION

Mechanism of action of local anesthetics on synaptic transmission in the rat. Tabatabai M, et al. **Anesth Analg** 1990 Aug;71(2):149-57

Adaptation of cholinergic enteric neuromuscular transmission in diabetic rat small intestine. Nowak TV, et al. **Diabetes** 1990 Aug;39(8):891-7

Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Besser R, et al. **Neurology** 1990 Aug;40(8):1275-7

NEURAL TUBE DEFECTS

Should amniocenteses always accompany unexplained high maternal serum alpha-fetoprotein levels? Who decides: public agency, patient, or private physician? [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):697-8

Renal scarring and vesicoureteral reflux in children with myelodysplasia. Cohen RA, et al. **J Urol** 1990 Aug;144(2 Pt 2):541-4; discussion 545

Periurethral and puboprostatic sling repair for incontinence in patients with myelodysplasia. Elder JS. **J Urol** 1990 Aug; 144(2 Pt 2):434-7; discussion 443-4

NEURALGIA

Postherpetic neuralgia [editorial] **Lancet** 1990 Sep 1; 336(8714):537-8

NEURILEMMOMA

Gingival granular cell tumors of the newborn. An ultrastructural and immunohistochemical study. Tucker MC, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):895-8

NEURITIS

L-tryptophan-associated eosinophilic perimyositis, neuritis, and fasciitis. A clinicopathologic and laboratory study of 25 patients. Kaufman LD, et al. **Medicine (Baltimore)** 1990 Jul;69(4):187-99

NEUROBLASTOMA

The diagnostic and prognostic value of pretreatment serum creatine kinase BB levels in patients with neuroblastoma. Ishiguro Y, et al. **Cancer** 1990 May 1;65(9):2014-9

N-myc oncogene and stage IV-S neuroblastoma. Preliminary observations on ten cases. Nakagawara A, et al. **Cancer** 1990 May 1;65(9):1960-7 (39 ref.)

Cyclophosphamide versus ifosfamide in paediatric oncology [letter] Kushner BH, et al. **Lancet** 1990 Jul 28; 336(8709):253-4

Speech automatisms [letter] Arlt G, et al. **Neurology** 1990 Aug;40(8):1320

NEUROFIBRILS

Immunochemical demonstration of tropomyosin in the neurofibrillary pathology of Alzheimer's disease. Galloway PG, et al. **Am J Pathol** 1990 Aug;137(2):291-300

NEUROFIBROMA

Successful treatment of hypoglycemia using glucagon in a patient with an extrapancreatic tumor. Samaan NA, et al. **Ann Intern Med** 1990 Sep 1;113(5):404-6

NEUROFIBROMATOSIS

Multiple cutaneous granular cell tumors and neurofibromatosis in childhood. A case report and review of the literature. Martin RW 3d, et al. **Arch Dermatol** 1990 Aug;126(8):1051-6 (61 ref.)

Inhibition of growth and angiogenesis of human neurofibrosarcoma by heparin and hydrocortisone. Lee JK, et al. **J Neurosurg** 1990 Sep;73(3):429-35

Neurofibromatosis: bladder involvement with malignant degeneration. Hulse CA. **J Urol** 1990 Sep;144(3):742-3

NEUROGLIA

Neuronal and microglial involvement in beta-amyloid protein deposition in Alzheimer's disease. Cras P, et al. **Am J Pathol** 1990 Aug;137(2):241-6

Regulation and cellular localization of the membrane-bound thyrotropin-releasing hormone-degrading enzyme in primary cultures of neuronal, glial and adenohypophyseal cells. Bauer K, et al. **Endocrinology** 1990 Sep; 127(3):1224-33

NEUROLEPTIC MALIGNANT SYNDROME

Neuroleptic malignant syndrome in 12 of 9,792 Chinese inpatients exposed to neuroleptics: a prospective study. Deng MZ, et al. **Am J Psychiatry** 1990 Sep;147(9):1149-55

A hazardous side effect of neuroleptics: diagnosis and treatment. Epperly TD, et al. **Geriatrics** 1990 Aug; 45(8):58-62

NEUROLOGIC EXAMINATION

Impaired driving fitness after electrical or magnetic cortical stimulation [letter] Saltuari L, et al. **Lancet** 1990 Sep 1; 336(8714):563

NEUROMA, ACOUSTIC

Preoperative and postoperative auditory brain-stem response results for patients with eighth-nerve tumors. Bauch CD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1026-9

Treatment of acoustic tumors with radiotherapy [letter] Foote RL. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):977

Stereotactic radiosurgery for acoustic neuromas. Lunsford LD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):907-9 (9 ref.)

The solitary schwannoma of the eighth cranial nerve. An immunohistochemical study of the cochlear nerve-tumor interface. Marquet JF, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1023-5

Receptors in acoustic neuroma [letter] Monsell EM. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1092

Hearing conservation in acoustic neuroma surgery via the posterior fossa. Baldwin DL, et al. **J Laryngol Otol** 1990 Jun;104(6):463-7

Acoustic neuroma and the contralateral ear: recovery of auditory brainstem response abnormalities after surgery. Deans JA, et al. **J Laryngol Otol** 1990 Jul;104(7):565-9

NEUROMUSCULAR BLOCKING AGENTS

Combination therapy has potential complications [letter] Frohlich EP. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):244

NEUROMUSCULAR JUNCTION

Clinical evaluation of double-burst stimulation. Its relationship to train-of-four stimulation. Gill SS, et al. **Anaesthesia** 1990 Jul;45(7):543-8

Adaptation of cholinergic enteric neuromuscular transmission in diabetic rat small intestine. Nowak TV, et al. **Diabetes** 1990 Aug;39(8):891-7

Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Besser R, et al. **Neurology** 1990 Aug;40(8):1275-7

NEURONS

Neuronal and microglial involvement in beta-amyloid protein deposition in Alzheimer's disease. Cras P, et al. **Am J Pathol** 1990 Aug;137(2):241-6

Regulation and cellular localization of the membrane-bound thyrotropin-releasing hormone-degrading enzyme in primary cultures of neuronal, glial and adenohypophyseal cells. Bauer K, et al. **Endocrinology** 1990 Sep; 127(3):1224-33

Gamma-aminobutyric acid-A and -B receptor antagonists increase luteinizing hormone-releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen-treated rats. Hartman RD, et al. **Endocrinology** 1990 Sep;127(3):1336-45

Gonadotropin-releasing hormone messenger ribonucleic acid levels are unaltered with changes in the gonadal hormone milieu of the adult male rat. Wiemann JN, et al. **Endocrinology** 1990 Aug;127(2):523-32

Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288-92

NEURONS, AFFERENT

Capsaicin-sensitive primary sensory neurons are potent modulators of murine delayed-type hypersensitivity reactions. Girolomoni G, et al. **J Immunol** 1990 Aug 15; 145(4):1105-12

NEUROPATHIES, HEREDITARY MOTOR AND SENSORY

Familial spastic paraparesis syndrome associated with HTLV-I infection. Salazar-Grueso EF, et al. **N Engl J Med** 1990 Sep 13;323(11):732-7

NEUROPEPTIDE Y

Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Crowley WR, et al. **Endocrinology** 1990 Sep;127(3):1487-94

Characterization of the receptors for peptide-YY and avian pancreatic polypeptide in chicken and pig brains. Inui A, et al. **Endocrinology** 1990 Aug;127(2):934-41

Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Sanacora G, et al. **Endocrinology** 1990 Aug;127(2):730-7

NEUROPEPTIDES

The regulation of neuropeptide expression in rat anterior pituitary following chronic manipulation of estrogen status: a comparison between substance P, neuropeptide Y, neurotensin, and vasoactive intestinal peptide. O'Halloran DJ, et al. **Endocrinology** 1990 Sep;127(3):1463-9

NEUROREGULATORS

False adrenergic transmitters and positron emission tomographic imaging of myocardial sympathetic innervation [comment] Kopin IJ. **Circulation** 1990 Aug; 82(2):646-8. Comment on: Circulation 1990 Aug;82(2):457-64.

NEUROSECRETORY SYSTEMS

Effect of continuous versus delayed insulin replacement on sex behavior and neuroendocrine function in diabetic male rats. Steger RW, et al. **Diabetes** 1990 Aug;39(8):942-8

Abstracts of the Second International Symposium on Neurobiology of the Brain-Gut Axis: From Basic Science to Clinical Perspectives. July 13-14, 1990, Pécs, Hungary. **Dig Dis Sci** 1990 Aug;35(8):1015-24

Both cyclooxygenase-dependent and cyclooxygenase-independent pathways mediate the neuroendocrine response in humans. Michie HR, et al. **Surgery** 1990 Aug;108(2):254-9; discussion 259-61

NEUROSURGERY

Antibiotic prophylaxis during prolonged clean neurosurgery. Results of a randomized double-blind study using oxacillin. Djindjian M, et al. **J Neurosurg** 1990 Sep;73(3):383-6

Vilhelm Magnus—pioneer neurosurgeon. Fodstad H, et al. **J Neurosurg** 1990 Sep;73(3):317-30

NEUROTOXINS

Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288-92

NEUTRONS

The cyclotron saga. Grocott DJ. **BMJ** 1990 Jun 2; 300(6737):1467

NEUTROPHILS

C5a-induced neutrophilia. A primary humoral mechanism for recruitment of neutrophils. Kajita T, et al. **Am J Pathol** 1990 Aug;137(2):467-77

Inhibition of leukotriene B4 synthesis in neutrophils from patients with rheumatoid arthritis by a single oral dose of methotrexate. Sperling RI, et al. **Arthritis Rheum** 1990 Aug; 33(8):1149-55

Abnormal FcRIII expression by neutrophils from very preterm neonates. Carr R, et al. **Blood** 1990 Aug 1; 76(3):607-11

The ontogeny of a 57-Kd cationic antimicrobial protein of human polymorphonuclear leukocytes: localization to a novel granule population. Pereira HA, et al. **Blood** 1990 Aug 15;76(4):825-34

Compartmentalization of cyclic GMP-dependent protein kinase in formyl-peptide stimulated neutrophils. Pryzwansky KB, et al. **Blood** 1990 Aug 1;76(3):612-8

Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809-10

Influence of chemotherapeutic agents on superoxide anion production by human polymorphonuclear leukocytes. Hara N, et al. **Cancer** 1990 Aug 15;66(4):684-8

Quantitative histological study of mucosal inflammatory cell densities in endoscopic duodenal biopsy specimens from dyspeptic patients using computer linked image analysis. Collins JS, et al. **Gut** 1990 Aug;31(8):858-61

A distinct subset of antineutrophil cytoplasmic antibodies is associated with inflammatory bowel disease. Saxon A, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):202-10

Soluble Fc gamma receptor III in human plasma originates from release by neutrophils. Huizinga TW, et al. **J Clin Invest** 1990 Aug;86(2):416-23

Separation of sublethal and lethal effects of polymorphonuclear leukocytes on Escherichia coli. Mannion BA, et al. **J Clin Invest** 1990 Aug;86(2):631-41

Proenkephalin system in human polymorphonuclear cells. Production and release of a novel 1.0-kD peptide derived from synenkephalin. Vindrola O, et al. **J Clin Invest** 1990 Aug;86(2):531-7

A neutrophil GTP-binding protein that regulates cell free NADPH oxidase activation is located in the cytosolic fraction. Gabig TG, et al. **J Immunol** 1990 Aug 1; 145(3):945-51

Peptides generated from C-reactive protein by a neutrophil membrane protease. Amino acid sequence and effects of peptides on neutrophil oxidative metabolism and chemotaxis. Shephard EG, et al. **J Immunol** 1990 Sep 1; 145(5):1469-76

Killing of Mycobacterium tuberculosis by neutrophils: a nonoxidative process. Jones GS, et al. **J Infect Dis** 1990 Sep;162(3):700-4

Normal and deficient neutrophils can cooperate to damage Aspergillus fumigatus hyphae. Rex JH, et al. **J Infect Dis** 1990 Aug;162(2):523-8

Role of complement receptors in opsonophagocytosis of group B streptococci by adult and neonatal neutrophils. Smith CL, et al. **J Infect Dis** 1990 Aug;162(2):489-95

Hemorrhagic shock-induced bacterial translocation: the role of neutrophils and hydroxyl radicals. Deitch EA, et al. **J Trauma** 1990 Aug;30(8):942-51; discussion 951-2

Untreated intra-abdominal sepsis: lack of synergism between polymorphonuclear leukocyte (PMN) complement receptors CR1/CR3 and IgG receptor FcRIII. Simms HH, et al. **J Trauma** 1990 Aug;30(8):1027-31

False-positive autoantibodies in HIV infection [letter] Davenport A, et al. **Lancet** 1990 Aug 4;336(8710):317-8

Reversible lung neutrophil accumulation can cause lung injury by elastase-mediated mechanisms. Anderson BO, et al. **Surgery** 1990 Aug;108(2):262-7; discussion 267-8

Inhibition of CD18-dependent neutrophil adherence reduces organ injury after hemorrhagic shock in primates. Mileski WJ, et al. **Surgery** 1990 Aug;108(2):206-12

NEVUS

Immunohistochemical study of melanocytic nevus and malignant melanoma with monoclonal antibodies against S-100 subunits. Cho KH, et al. **Cancer** 1990 Aug 15; 66(4):765-71

White sponge nevus. Nichols GE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):545-8

NIACIN

Nicotinic acid as therapy for dyslipidemia in non-insulin-dependent diabetes mellitus. Garg A, et al. **JAMA** 1990 Aug 8;264(6):723-6

NICARDIPINE

Serum concentrations and effects of (+/-)-nicardipine compared with nifedipine in a population of healthy subjects. Porchet HC, et al. **Clin Pharmacol Ther** 1990 Aug; 48(2):155-60

NICOTINAMIDE

Inhibition of cytokine-induced MHC class II but not class I molecule expression on mouse islet cells by niacinamide and 3-aminobenzamide. Yamada K, et al. **Diabetes** 1990 Sep;39(9):1125-30

NICOTINE

Metabolic effects of nicotine after consumption of a meal in smokers and nonsmokers. Perkins KA, et al. **Am J Clin Nutr** 1990 Aug;52(2):228-33

Mania after nicotine withdrawal [letter] Cohen SB. **Am J Psychiatry** 1990 Sep;147(9):1254-5

NIEMANN-PICK DISEASE

Niemann-Pick disease associated with nonimmune hydrops fetalis. Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):128-9

NIFEDIPINE

Nifedipine and isosorbide dinitrate alone and in combination for patients with chronic stable angina: a double-blind crossover study. Vlay SC, et al. **Am Heart J** 1990 Aug; 120(2):303-7

Effects of nifedipine SR and enalapril on office, home and ambulatory blood pressure in "white-coat" systemic hypertension. Ashida T, et al. **Am J Cardiol** 1990 Aug 15; 66(4):498-501

A comparison of tocolysis with nifedipine or ritodrine: analysis of efficacy and maternal, fetal, and neonatal outcome. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):105-11

Combination therapy has potential complications [letter] Frohlich EP. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):244

Nifedipine enhances the cardiac toxicity of magnesium sulfate in the isolated perfused Sprague-Dawley rat heart. Thorp JM Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):655-6

Unreliable effect of nifedipine in relieving renal colic [letter] Lheureux P, et al. **Ann Emerg Med** 1990 Jul;19(7):841-2

Serum concentrations and effects of (+/-)-nicardipine compared with nifedipine in a population of healthy subjects. Porchet HC, et al. **Clin Pharmacol Ther** 1990 Aug; 48(2):155-60

Long-term nifedipine unloading therapy in asymptomatic patients with chronic severe aortic regurgitation [see comments] Scognamiglio R, et al. **J Am Coll Cardiol** 1990 Aug;16(2):424-9. Comment in: J Am Coll Cardiol 1990 Aug;16(2):430-2.

NIGHT BLINDNESS

Diagnostic clinical findings of a new syndrome with night blindness, maculopathy, and enhanced S cone sensitivity. Marmor MF, et al. **Am J Ophthalmol** 1990 Aug 15; 110(2):124-34

NISOLDIPINE

Preservation of left ventricular performance with reduced ischemic dysfunction by intravenous nisoldipine. Kimball BP, et al. **Am J Cardiol** 1990 Aug 15;66(4):400-5

NITRATES

New insights into the management of myocardial ischemia. Overview. Abrams J. **Am Heart J** 1990 Sep;120(3):719-21; discussion 743-5

Management of myocardial ischemia: role of intermittent nitrate therapy. Abrams J. **Am Heart J** 1990 Sep; 120(3):762-5; discussion 769-72 (25 ref.)

Angina: evolution of the role of nitrates. Scheidt S. **Am Heart J** 1990 Sep;120(3):757-61; discussion 769-72 (36 ref.)

Nitrates are effective in the treatment of chronic congestive heart failure: the protagonist's view. Cohn JN. **Am J Cardiol** 1990 Aug 15;66(4):444-6 (30 ref.)

Are nitrates effective in the treatment of chronic heart failure? Antagonist's viewpoint. Packer M. **Am J Cardiol** 1990 Aug 15;66(4):458-61 (34 ref.)

NITRENDIPINE

Effects of nitrendipine and hypoxia on pulmonary vascular resistance in experimental emphysema. Rubin LJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):625-30

NITRILES

Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864-9

NITROGEN

Metabolic response to glucose ingested with various amounts of protein. Westphal SA, et al. **Am J Clin Nutr** 1990 Aug; 52(2):267-72

Determinants of alveolar nitrogen slope and closing volumes in healthy adolescents. Teculescu DB, et al. **Am Rev Respir Dis** 1990 Sep;142(3):607-15

NITROGEN OXIDES

Macrophage deactivating factor and transforming growth factors-beta 1 -beta 2 and -beta 3 inhibit induction of macrophage nitrogen oxide synthesis by IFN-gamma. Ding A, et al. **J Immunol** 1990 Aug 1;145(3):940-4

NITROIMIDAZOLES

Chagas' disease: lymphoma growth in rabbits treated with Benznidazole. Teixeira AR, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):146-58

NITROUS OXIDE

Occupational exposure to nitrous oxide in four hospitals--a comment [letter] Jørgensen S. **Anaesthesia** 1990 Jun; 45(6):490-1

Additive contribution of nitrous oxide to halothane MAC in infants and children. Murray DJ, et al. **Anesth Analg** 1990 Aug;71(2):120-4

Bupivacaine toxicity in young pigs is age-dependent and is affected by volatile anesthetics. Badgwell JM, et al. **Anesthesiology** 1990 Aug;73(2):297-303

Cerebrovascular and cerebral metabolic effects of N2O in unrestrained rats. Baughman VL, et al. **Anesthesiology** 1990 Aug;73(2):269-72

Opioid action of analgesic nitrous oxide [letter] Gillman MA. **Ann Emerg Med** 1990 Jul;19(7):843-4

NOCARDIA INFECTIONS

The radiographic appearance of pulmonary nocardiosis associated with AIDS. Kramer MR, et al. **Chest** 1990 Aug; 98(2):382-5

NOMA

Fiberoptically guided intubation in children with gangrenous stomatitis (noma). Tassonyi E, et al. **Anesthesiology** 1990 Aug;73(2):348-9

NOMENCLATURE

Pregnancy loss terminology [letter] Branch DW, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):245-6

Please, no more "ECT" [letter] Kellner CH, et al. **Am J Psychiatry** 1990 Aug;147(8):1092-3

Erythema multiforme and Stevens-Johnson syndrome. Descriptive and therapeutic controversy. Patterson R, et al. **Chest** 1990 Aug;98(2):331-6 (15 ref.)

Percutaneous mitral balloon valvulotomy or balloon valvuloplasty? It's not just semantics anymore [comment] Smucker ML. **Circulation** 1990 Aug;82(2):643-5. Comment on: Circulation 1990 Aug;82(2):448-56.

Renaming pancreatic stone protein as 'lithostathine' [letter] Sarles H, et al. **Gastroenterology** 1990 Sep;99(3):900-1

The Bethesda System for cervical/vaginal cytologic diagnoses: a note of caution [editorial] Herbst AL. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):449-50

NOREPINEPHRINE

Myocardial catecholamine content after heart transplantation [see comments] Regitz V, et al. **Circulation** 1990 Aug; 82(2):620-3. Comment in: Circulation 1990 Aug;82(2):658-60.

Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900-6

Gamma-aminobutyric acid-A and -B receptor antagonists increase luteinizing hormone-releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen-treated rats. Hartman RD, et al. **Endocrinology** 1990 Sep;127(3):1336-45

Gonadotropin-releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating-induced luteinizing hormone surge. Kaynard AH, et al. **Endocrinology** 1990 Sep;127(3):1176-85

NORETHINDRONE

Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265-9

NORFLOXACIN

The efficacy of norfloxacin in the treatment of chronic bacterial prostatitis refractory to trimethoprim-sulfamethoxazole and/or carbenicillin. Schaeffer AJ, et al. **J Urol** 1990 Sep;144(3):690-3

NORGESTREL

Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Stevenson JC, et al. **Lancet** 1990 Aug 4;336(8710):265-9

NOSE

Mitochondrial myopathy and anaesthesia [letter] Kelly A, et al. **Anaesthesia** 1990 Jul;45(7):596

Anterior nasal stenosis from joss stick burns. Lee ST. **J Laryngol Otol** 1990 Jun;104(6):497

Nasal airflow in inspiration and expiration. Viani L, et al. **J Laryngol Otol** 1990 Jun;104(6):473-6

NOSE DEFORMITIES, ACQUIRED

Medially based horizontal nasolabial flaps for reconstruction of columellar defects. Pincus RL, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):973–4
Anterior nasal stenosis from joss stick burns. Lee ST. **J Laryngol Otol** 1990 Jun;104(6):497
Chondroplastic graft augmentation rhinoplasty. Spencer MG. **J Laryngol Otol** 1990 Jul;104(7):539–43

NOSE DISEASES

Bilateral choanal atresia: key to success with the transnasal approach. Singh B. **J Laryngol Otol** 1990 Jun;104(6):482–4

NOSE NEOPLASMS

Extra-skeletal Ewing's sarcoma of the nasal fossa. Lane S, et al. **J Laryngol Otol** 1990 Jul;104(7):570–3
Basal cell carcinoma in a 12-year-old boy. Comstock J, et al. **Pediatrics** 1990 Sep;86(3):460–3

NUCLEAR MAGNETIC RESONANCE

Nuclear magnetic resonance spectroscopy of plasma for the detection of malignant tumors [letter] **N Engl J Med** 1990 Sep 6;323(10):677–81
Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791–9
Soft-tissue sarcomas: detection of metabolic heterogeneity with P-31 MR spectroscopy. Sostman HD, et al. **Radiology** 1990 Sep;176(3):837–43

NUCLEAR MEMBRANE

Glucocorticoid receptor identified on nuclear envelopes of male rat livers by affinity labeling and immunochemistry. Howell GM, et al. **Endocrinology** 1990 Sep;127(3):1087–96

NUCLEAR PROTEINS

The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114–20
Multiple nuclear factors interact with sequences within the J beta 2-C beta 2 intron of the murine T cell receptor beta-chain gene. Mauxion F, et al. **J Immunol** 1990 Sep 1;145(5):1577–82

NUCLEIC ACID HYBRIDIZATION

Human papillomaviruses in anogenital warts in children: typing by in situ hybridisation. Padel AF, et al. **BMJ** 1990 Jun 9;300(6738):1491–4

NUCLEOLUS ORGANIZER REGION

AgNOR counts in intraendometrial neoplasia [letter] Hansen A, et al. **J Clin Pathol** 1990 Jun;43(6):518–9

NUCLEOSIDE DEAMINASES

Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. Klockars M, et al. **Br J Rheumatol** 1990 Aug;29(4):318–9
Paradoxical expression of adenosine deaminase in T cells cultured from a patient with adenosine deaminase deficiency and combine immunodeficiency. Arredondo-Vega FX, et al. **J Clin Invest** 1990 Aug; 86(2):444–52

NUCLEOTIDE MAPPING

Discrepancy in the diagnoses of hydatidiform mole by macroscopic and microscopic findings and the deoxyribonucleic acid fingerprint method. Takahashi H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):112–3

NURSES

Doctors and nurses [letter] **Lancet** 1990 Aug 25;336(8713):511
A suitable case for intimacy [editorial] **Lancet** 1990 Jul 28; 336(8709):217–8
The nursing shortage: dynamics and solutions. Satisfaction and fulfillment. Ferguson V. **Nurs Clin North Am** 1990 Sep;25(3):615–6
The nursing shortage: dynamics and solutions. Toward the future: how could 2 million registered nurses not be enough? Moccia P. **Nurs Clin North Am** 1990 Sep; 25(3):605–13

NURSING

The nursing shortage: dynamics and solutions. **Nurs Clin North Am** 1990 Sep;25(3):503–616
The nursing shortage: dynamics and solutions. Reflections on a recurring theme. Abdellah FG. **Nurs Clin North Am** 1990 Sep;25(3):509–16 (18 ref.)
The nursing shortage: dynamics and solutions. The art of creative solutions. Cournoyer PR. **Nurs Clin North Am** 1990 Sep;25(3):581–6 (21 ref.)
The nursing shortage: dynamics and solutions. A research perspective. Cowling WR 3d. **Nurs Clin North Am** 1990 Sep;25(3):569–79
The nursing shortage: dynamics and solutions. An overview. Ferguson V. **Nurs Clin North Am** 1990 Sep;25(3):503–7 (10 ref.)
The nursing shortage: dynamics and solutions. Satisfaction and fulfillment. Ferguson V. **Nurs Clin North Am** 1990 Sep;25(3):615–6
The nursing shortage: dynamics and solutions. Solutions in a pluralistic environment. Gronvall JA. **Nurs Clin North Am** 1990 Sep;25(3):587–95
The nursing shortage: dynamics and solutions. A response from an educational perspective. Martin CE. **Nurs Clin North Am** 1990 Sep;25(3):561–8
The nursing shortage: dynamics and solutions. Toward the future: how could 2 million registered nurses not be enough? Moccia P. **Nurs Clin North Am** 1990 Sep; 25(3):605–13
The nursing shortage: dynamics and solutions. Positioning for success. Norby RB. **Nurs Clin North Am** 1990 Sep; 25(3):525–35
The nursing shortage: dynamics and solutions. The three R's: recruitment, restructuring the environment, and reformulating the curriculum. Regan PF. **Nurs Clin North Am** 1990 Sep;25(3):517–24
The nursing shortage: dynamics and solutions. A new decade of leadership. From vision to reality. Ryan SA. **Nurs Clin North Am** 1990 Sep;25(3):597–604

NURSING ASSESSMENT

The value of assessing falls in an elderly population. A randomized clinical trial. Rubenstein LZ, et al. **Ann Intern Med** 1990 Aug 15;113(4):308–16

NURSING HOMES

The nursing home as a site for teaching medical students. Wiener M, et al. **Acad Med** 1990 Jun;65(6):412–4
Psychiatric symptoms and nursing home placement of patients with Alzheimer's disease. Steele C, et al. **Am J Psychiatry** 1990 Aug;147(8):1049–51
Implementing OBRA: LTC providers fear poor reimbursement. Eubanks P. **Hospitals** 1990 Aug 20; 64(16):54, 56
Serologic evidence of respiratory syncytial virus infection in nursing home patients. Falsey AR, et al. **J Infect Dis** 1990 Aug;162(2):568–9
Nursing homes and fax machines [letter] Tangalos EG, et al. **JAMA** 1990 Aug 8;264(6):693–4
Governmental bureaucracy in the nursing home [letter] Loeser WD, et al. **N Engl J Med** 1990 Sep 13;323(11):759

NURSING RESEARCH

The nursing shortage: dynamics and solutions. A research perspective. Cowling WR 3d. **Nurs Clin North Am** 1990 Sep;25(3):569–79

NURSING STAFF

Nurses: the point of no return [editorial] Salvage J. **BMJ** 1990 Jun 9;300(6738):1478
The impact of corporate culture on nurse retention. Curran CR, et al. **Nurs Clin North Am** 1990 Sep;25(3):537–49 (21 ref.)

NURSING STAFF, HOSPITAL

Strengthening hospital nursing. How to use problem-solving teams effectively. Dailey RC. **J Nurs Adm** 1990 Jul-Aug; 20(7–8):24–9
Effectiveness of recruiting sources for staff nurses. Labig CE Jr. **J Nurs Adm** 1990 Jul-Aug;20(7–8):12–7
The effects of a policy change on three types of absence. Lee JB, et al. **J Nurs Adm** 1990 Jul-Aug;20(7–8):37–40
Nonpunitive discipline. A method of reducing absenteeism. Rogers JE, et al. **J Nurs Adm** 1990 Jul-Aug;20(7–8):41–3
Innovative pay package. Smeltzer CH. **J Nurs Adm** 1990 Jul-Aug;20(7–8):6–7
The committee meeting alternative. Using the Delphi technique. Whitman NI. **J Nurs Adm** 1990 Jul-Aug; 20(7–8):30–6
The nursing shortage: dynamics and solutions. A supportive clinical practice model. Freeman BA, et al. **Nurs Clin North Am** 1990 Sep;25(3):551–60

NUTRITION

Priorities for nutrition content within a medical school curriculum: a national consensus of medical educators. American Society for Clinical Nutrition Committee on Medical/Dental School and Residency Nutrition Education. **Acad Med** 1990 Aug;65(8):538–40
Implementing nutrition into the medical curriculum: a user's guide. Kushner RF, et al. **Am J Clin Nutr** 1990 Aug; 52(2):401–3
Maternal and fetal responses to the stresses of lactation concurrent with pregnancy and of short recuperative intervals. Merchant K, et al. **Am J Clin Nutr** 1990 Aug; 52(2):280–8
Promoting low-fat foods in the supermarket using various methods, including videocassettes. Dougherty MF, et al. **J Am Diet Assoc** 1990 Aug;90(8):1106–8
Growth and nutrition in children with cerebral palsy [letter] Mutch L, et al. **Lancet** 1990 Sep 1;336(8714):569–70

NUTRITION ASSESSMENT

Anthropometric evaluation of children with chronic liver disease. Sokol RJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):203–8
Assessment and implications of the dietary intakes of hospitalized psychogeriatric patients. Martinez JA, et al. **J Am Diet Assoc** 1990 Aug;90(8):1111–4

NUTRITION DISORDERS

Anthropometric evaluation of children with chronic liver disease. Sokol RJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):203–8
Pneumonia, diarrhea, and growth in the first 4 y of life: a longitudinal study of 5914 urban Brazilian children. Victora CG, et al. **Am J Clin Nutr** 1990 Aug;52(2):391–6
The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Whittaker JS, et al. **Am Rev Respir Dis** 1990 Aug;142(2):283–8
Nutrition in cystic fibrosis [letter] Taylor CJ, et al. **Arch Dis Child** 1990 Jun;65(6):646–7

NUTRITIONAL REQUIREMENTS

Dietary patterns and nutrient intake of U.S. infants. Proceedings of a symposium. October 13–15, 1989. **J Pediatr** 1990 Aug;117(2 Pt 2):S75–192
Bases of weaning recommendations. Barness LA. **J Pediatr** 1990 Aug;117(2 Pt 2):S84–5

NUTRITIONAL STATUS

Anthropometric evaluation of children with chronic liver disease. Sokol RJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):203–8
Pneumonia, diarrhea, and growth in the first 4 y of life: a longitudinal study of 5914 urban Brazilian children. Victora CG, et al. **Am J Clin Nutr** 1990 Aug;52(2):391–6
AIDS, nutrition, and infection [letter] Kendler BS. **Ann Intern Med** 1990 Sep 1;113(5):409–10
Relationship of visceral proteins to nutritional status in chronic and acute stress [letter] Sherman BW, et al. **Crit Care Med** 1990 Aug;18(8):898–9
Effect of intravenous nutrition on nutrition and function in acute attacks of inflammatory bowel disease. Christie PM, et al. **Gastroenterology** 1990 Sep;99(3):730–6
Effects of ursodeoxycholic acid treatment on nutrition and liver function in patients with cystic fibrosis and longstanding cholestasis. Cotting J, et al. **Gut** 1990 Aug; 31(8):918–21
Nutrition and growth analysis of very low birth weight infants. Fenton TR, et al. **Pediatrics** 1990 Sep;86(3):378–83

NYSTAGMUS

Treatment of manifest latent nystagmus. Zubcov AA, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):160–7
Downbeat nystagmus associated with dolichoectasia of the vertebrobasilar artery [letter] Gans MS, et al. **Arch Neurol** 1990 Aug;47(8):843

OBESITY

Do obese individuals gain weight more easily than nonobese individuals? Forbes GB. **Am J Clin Nutr** 1990 Aug; 52(2):224–7
Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Katzeff HL, et al. **Am J Clin Nutr** 1990 Aug;52(2):263–6
Acute effects of exercise on food intake in obese and nonobese women. Kissileff HR, et al. **Am J Clin Nutr** 1990 Aug;52(2):240–5
Validation of bioelectrical-impedance analysis as a measurement of change in body composition in obesity. Kushner RF, et al. **Am J Clin Nutr** 1990 Aug;52(2):219–23
Maternal body weight and pregnancy outcome. Naeye RL. **Am J Clin Nutr** 1990 Aug;52(2):273–9
A difficult tracheal intubation as a result of obesity and absence of teeth. Brahams D. **Anaesthesia** 1990 Jul; 45(7):586–7
The effects of weight reduction on blood pressure in 301 obese patients. Schotte DE, et al. **Arch Intern Med** 1990 Aug;150(8):1701–4
Genetic and early environmental components in sociodemographic influences on adult body fatness. Teasdale TW, et al. **BMJ** 1990 Jun 23;300(6740):1615–8
Childhood obesity. Medical and familial correlates and age of onset. Unger R, et al. **Clin Pediatr (Phila)** 1990 Jul; 29(7):368–73
IGF-I—stimulated glucose transport in human skeletal muscle and IGF-I resistance in obesity and NIDDM. Dohm GL, et al. **Diabetes** 1990 Sep;39(9):1028–32
Kinetics of in vivo muscle insulin-mediated glucose uptake in human obesity. Laakso M, et al. **Diabetes** 1990 Aug; 39(8):965–74
An obese man with tremor and exophthalmos. Waltman RE.

Hosp Pract [Off] 1990 Aug 15;25(8):161, 164, 166
Long-term effects of dieting on resting metabolic rate in obese outpatients. Wadden TA, et al. **JAMA** 1990 Aug 8;264(6):707–11
Management of obesity in adolescence. Rees JM. **Med Clin North Am** 1990 Sep;74(5):1275–92 (83 ref.)
Maternal obesity: a potential source of error in sonographic prenatal diagnosis. Wolfe HM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):339–42

OBESITY IN DIABETES

IGF-I—stimulated glucose transport in human skeletal muscle and IGF-I resistance in obesity and NIDDM. Dohm GL, et al. **Diabetes** 1990 Sep;39(9):1028–32
Importance of imparied insulin-gene expression in occurrence of diabetes in obese rats. Koh G, et al. **Diabetes** 1990 Sep;39(9):1050–6

OBESITY, MORBID

Supraumbilical upper abdominal midline incision for pelvic surgery in the morbidly obese patient. Greer BE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):471–3
Alterations in adipocyte adenylate cyclase activity in morbidly obese and formerly morbidly obese humans. Martin LF, et al. **Surgery** 1990 Aug;108(2):228–34; discussion 234–5

OBJECT ATTACHMENT

Definition of splitting in object relations theory [letter] Baker HS. **Am J Psychiatry** 1990 Sep;147(9):1252–3
Developmental history and object relations in psychiatrically disturbed adolescent girls. Westen D, et al. **Am J Psychiatry** 1990 Aug;147(8):1061–8

OBSESSIVE-COMPULSIVE DISORDER

A controlled trial of fluvoxamine in obsessive-compulsive disorder: implications for a serotonergic theory. Jenike MA, et al. **Am J Psychiatry** 1990 Sep;147(9):1209–15
Body dysmorphic disorder: the relationship to obsessive-compulsive disorder. Brady kt, et al. **J Nerv Ment Dis** 1990 Aug;178(8):538–40

OBSTETRICAL FORCEPS

Risk factors for third-degree and fourth-degree perineal lacerations in forceps and vacuum deliveries. Combs CA, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):100–4
The obstetric forceps—are we using the appropriate tools? Hibbard BM, et al. **Br J Obstet Gynaecol** 1990 May; 97(5):374–80

OBSTETRICS

Factors influencing residents' decisions not to provide obstetrical services in their future practices. O'Dell ML. **Acad Med** 1990 Jun;65(6):420
Obstetrics and technology [letter] Smith AM. **Lancet** 1990 Aug 25;336(8713):510–1
Adolescent pregnancy: can we solve the problem? [editorial; comment] Repke JT. **Mayo Clin Proc** 1990 Aug; 65(8):1152–4. Comment on: Mayo Clin Proc 1990 Aug;65(8):1061–6.
A proposal for obstetric and pediatric management of adolescent pregnancy [see comments] Van Winter JT, et al. **Mayo Clin Proc** 1990 Aug;65(8):1061–6. Comment in: Mayo Clin Proc 1990 Aug;65(8):1152–4.
Midline episiotomies: more harm than good? [letter] Berlin M. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):474–5
Student evaluation in obstetrics and gynecology: self- versus departmental assessment. Herbert WN, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):458–61
Quality assurance in obstetrics: a model. Silberman L. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):466–70

OCCULT BLOOD

How long to abstain from eating red meat before fecal occult blood tests. Feinberg EJ, et al. **Ann Intern Med** 1990 Sep 1;113(5):403–4
Screening for colorectal cancer [letter] Schulman K. **Ann Intern Med** 1990 Aug 15;113(4):333–4
Massive screening for colorectal cancer. A single institution's public commitment. Petrelli NJ, et al. **Arch Surg** 1990 Aug; 125(8):1049–51
Comparison of Coloscreen Self-Test and Haemoccult faecal occult blood tests in the detection of colorectal cancer in symptomatic patients. Pye G, et al. **Br J Surg** 1990 Jun; 77(6):630–1

OCCUPATIONAL DISEASES

Estimating the full cost of workplace injuries. French MT. **Am J Public Health** 1990 Sep;80(9):1118–9
Occupational tuberculous infections among pulmonary physicians in training. Malasky C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):505–7
Dodging droplet nuclei. Reducing the probability of nosocomial tuberculosis transmission in the AIDS era [editorial] Nardell EA. **Am Rev Respir Dis** 1990 Sep; 142(3):501–3
Risks of blood exposure to the cardiac surgical team. Pate JW. **Ann Thorac Surg** 1990 Aug;50(2):248–50
Universal precautions [letter] Righter J. **Can Med Assoc J** 1990 Aug 15;143(4):256–7
Soft tissue sarcoma and occupational exposures. Wingren G, et al. **Cancer** 1990 Aug 15;66(4):806–11
Occupational exposure to aerosolized pentamidine. Montgomery AB, et al. **Chest** 1990 Aug;98(2):386–8
Occupational asthma in the egg processing industry [editorial; comment] Reed CE. **Chest** 1990 Aug;98(2):261–2. Comment on: Chest 1990 Aug;98(2):398–404.
Evaluation of occupational asthma from airborne egg protein exposure in multiple settings [see comments] Smith AB, et al. **Chest** 1990 Aug;98(2):398–404. Comment in: Chest 1990 Aug;98(2):261–2.
Achilles tendinitis in ballet dancers. Fernández-Palazzi F, et al. **Clin Orthop** 1990 Aug;(257):257–61
Clinical and pathological characteristics of hepatotoxicity associated with occupational exposure to dimethylformamide. Redlich CA, et al. **Gastroenterology** 1990 Sep;99(3):748–57
Asbestos and colorectal cancer. Weiss W. **Gastroenterology** 1990 Sep;99(3):876–84 (54 ref.)
Clinical and immunologic evaluation of 37 workers exposed to gaseous formaldehyde. Grammer LC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):177–81
Occupational sensitivity to Tenebrio molitor Linnaeus (yellow mealworm). Schroeckenstein DC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):182–8
Allergens involved in occupational asthma caused by baby's breath (Gypsophila paniculata). Schroeckenstein DC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):189–93
From the Centers for Disease Control. Possible transmission of human immunodeficiency virus to a patient during an invasive dental procedure. **JAMA** 1990 Sep 5;264(9):1092–3
Don't stick me, but don't take all day. **JAMA** 1990 Sep 5; 264(9):1191
Minimizing risks for occupational blood-borne infections. Fahey BJ, et al. **JAMA** 1990 Sep 5;264(9):1189, 1190
Risks of HIV exposure to medical students and health care personnel [editorial] Hermann RC. **JAMA** 1990 Sep 5; 264(9):1187
Percutaneous exposure of medical students to HIV. Jones DB. **JAMA** 1990 Sep 5;264(9):1188, 1190
The prevention of hepatitis B in medical students [letter] Kuvin JT. **JAMA** 1990 Sep 5;264(9):1104–5
Latex as aeroallergen [letter] Lagier F, et al. **Lancet** 1990 Aug 25;336(8713):516–7
A survey of exposures, practices and recommendations of surgeons in the care of patients with human immunodeficiency virus. Mandelbrot DA, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):99–106
An outbreak of illness among aerospace workers [see comments] Sparks PJ, et al. **West J Med** 1990 Jul; 153(1):28–33. Comment in: West J Med 1990 Jul;153(1):77–8.
Challenges from the environment [editorial; comment] Terr AI. **West J Med** 1990 Jul;153(1):77–8. Comment on: West J Med 1990 Jul;153(1):28–33.

OCCUPATIONAL HEALTH SERVICES

The effects of workplace health promotion on absenteeism and employment costs in a large industrial population. Bertera RL. **Am J Public Health** 1990 Sep;80(9):1101–5

OCTREOTIDE

Treatment of a pancreatic tumour secreting parathyroid hormone related protein [letter] Dodwell D, et al. **BMJ** 1990 Jun 23;300(6740):1653
Effects of somatostatin analogue SMS 201-995 [letter] Poston GJ, et al. **Br J Surg** 1990 Jun;77(6):714–5
Long term effect of incremental doses of the somatostatin analog SMS 201-995 in 58 acromegalic patients. French SMS 201-995 approximately equal to Acromegaly Study Group. Sassolas G, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):391–7
Death from diabetic ketoacidosis after cessation of octreotide in acromegaly [letter] Abrahamson MJ. **Lancet** 1990 Aug 4;336(8710):318–9

OCULAR HYPERTENSION

A double-masked three-month comparison between 0.25% betaxolol suspension and 0.5% betaxolol ophthalmic solution. Weinreb RN, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):189–92

OCULOMOTOR MUSCLES

Superior oblique muscle dysfunction following anterior ethmoidal artery ligation for epistaxis. Couch JM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1110–3
Cutaneous approaches to the orbital skeleton and periorbital structures. Eppley BL, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):842–54 (45 ref.)

ODONTOGENIC TUMORS

Melanin in a dentigerous cyst and associated adenomatoid odontogenic tumor. Warter A, et al. **Cancer** 1990 Aug 15; 66(4):786–8 (15 ref.)

OFF-ROAD MOTOR VEHICLES

Injury Severity Scores in desert recreational all-terrain vehicle trauma. Pollack CV Jr, et al. **J Trauma** 1990 Jul; 30(7):888–92

OFFICE VISITS

And the children shall teach us ... [letter] Asnes RS. **Am J Dis Child** 1990 Aug;144(8):849
Colposcopic diagnosis and treatment of cervical dysplasia at a single clinic visit. Experience of low-voltage diathermy loop in 1000 patients. Bigrigg MA, et al. **Lancet** 1990 Jul 28;336(8709):229–31

OFLOXACIN

Concentration of ofloxacin and ciprofloxacin in human semen following a single oral dose. Berger SA, et al. **J Urol** 1990 Sep;144(3):683–4

OLEIC ACIDS

Effects of a sclerosant, ethanolamine, on the venous drainage system of the dog penis. Tiong JT, et al. **J Urol** 1990 Aug; 144(2 Pt 1):381–4

OLIGODENDROGLIOMA

Sex steroid receptors in intracranial tumors. Romić Stojković R, et al. **Cancer** 1990 May 1;65(9):1968–70
Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791–9

OLIGONUCLEOTIDE PROBES

Serotyping of human group A rotavirus with oligonucleotide probes. Sethabutr O, et al. **J Infect Dis** 1990 Aug; 162(2):368–72

OLIGOPEPTIDES

Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Mantzaris GJ, et al. **Gut** 1990 Jun;31(6):668–73

OLIGOSACCHARIDES

Differences in expression of oligosaccharide determinants by phenotypically distinct sublines of the Dunning 3327 rat prostate cancer. Abel PD, et al. **J Urol** 1990 Sep; 144(3):760–5

OLIGOSPERMIA

Abnormal distribution of CF delta F508 allele in azoospermic men with congenital aplasia of epididymis and vas deferens [letter] Dumur V, et al. **Lancet** 1990 Aug 25;336(8713):512

OMENTUM

Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine. Joyce W, et al. **Br Heart J** 1990 Jun;63(6):370–1
Reconstructing the breast mound employing a secondary island omental skin flap. Erol OO, et al. **Plast Reconstr Surg** 1990 Sep;86(3):510–8

OMEPRAZOLE

A comparison of the effects of omeprazole and ranitidine on gastric secretion in women undergoing elective caesarean section. Ewart MC, et al. **Anaesthesia** 1990 Jul; 45(7):527–30
Omeprazole for prophylaxis of acid aspiration in elective surgery. Ng Wingtin L, et al. **Anaesthesia** 1990 Jun; 45(6):436–8
Enhanced hyperplasia of gastric enterochromaffinlike cells in response to omeprazole-evoked hypergastrinemia in rats with portacaval shunts. An immunocytochemical and chemical study. Axelson J, et al. **Gastroenterology** 1990 Sep; 99(3):635–40
Cimetidine and omeprazole have different effects on hepatic extraction of lidocaine in rats. Bruck R, et al. **Gastroenterology** 1990 Sep;99(3):857–9
Omeprazole is an aryl hydrocarbon-like inducer of human hepatic cytochrome P450 [see comments] Diaz D, et al. **Gastroenterology** 1990 Sep;99(3):737–47. Comment in: Gastroenterology 1990 Sep;99(3):885–9.
Human cytochrome P450 isoforms. Their genetic heterogeneity and induction by omeprazole [comment] Farrell GC, et al. **Gastroenterology** 1990 Sep;99(3):885–9 (40 ref.). Comment on: Gastroenterology 1990 Sep;99(3):737–47.
Effect of long-term treatment with omeprazole on serum gastrin and serum group A and C pepsinogens in patients with reflux esophagitis. Jansen JB, et al. **Gastroenterology** 1990 Sep;99(3):621–8
Double blind comparative study of omeprazole and ranitidine

in patients with duodenal or gastric ulcer: a multicentre trial. Cooperative study group. **Gut** 1990 Jun;31(6):653–6

ONCHOCERCA

The identification of an Onchocerca-specific recombinant antigen containing a T cell epitope. Colina KF, et al. **J Immunol** 1990 Sep 1;145(5):1551–6

Changes in antibody profile after treatment of human onchocerciasis. Lee SJ, et al. **J Infect Dis** 1990 Aug; 162(2):529–33

ONCHOCERCIASIS

Changes in antibody profile after treatment of human onchocerciasis. Lee SJ, et al. **J Infect Dis** 1990 Aug; 162(2):529–33

ONCOGENE PROTEIN P21(RAS)

Expression of ras p21 in mammary and extramammary Paget's disease. Mori O, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):858–61

ONCOGENE PROTEINS, VIRAL

Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Mantzaris GJ, et al. **Gut** 1990 Jun;31(6):668–73

ONCOGENES

N-myc oncogene and stage IV-S neuroblastoma. Preliminary observations on ten cases. Nakagawara A, et al. **Cancer** 1990 May 1;65(9):1960–7 (39 ref.)

Preneoplastic lesions induced by myc and src oncogenes in reconstituted mouse bladder. Wagner HE, et al. **Surgery** 1990 Aug;108(2):146–52; discussion 152–3

ONLINE SYSTEMS

Information retrieval systems [letter] Gibson P, et al. **J Fam Pract** 1990 Aug;31(2):121–2

OPERATING ROOM TECHNICIANS

Cytogenetic damage in operation theatre personnel. Natarajan D, et al. **Anaesthesia** 1990 Jul;45(7):574–7

OPERATING ROOMS

Patient selection and outcomes for out-of-hospital births in one family practice [see comments] Acheson LS, et al. **J Fam Pract** 1990 Aug;31(2):128–36. Comment in: J Fam Pract 1990 Aug;31(2):125–7.

OPHTHALMIC SOLUTIONS

Survey of patients taking topical medication at their first presentation to eye casualty. Buckley SA. **BMJ** 1990 Jun 9;300(6738):1497–8

OPHTHALMOLOGY

Research and ophthalmology in the UK [letter] **Lancet** 1990 Aug 4;336(8710):315

OPHTHALMOPLEGIA

Kearns-Sayre syndrome in the elderly: mitochondrial myopathy with advanced heart block. Kenny D, et al. **Am Heart J** 1990 Aug;120(2):440–3

mtDNA deletions in Kearns-Sayre [letter] Johns DR. **Neurology** 1990 Aug;40(8):1322–3

OPPORTUNISTIC INFECTIONS

Hierarchical pattern of mucosal candida infections in HIV-seropositive women. Imam N, et al. **Am J Med** 1990 Aug;89(2):142–6

Visceral bacillary epithelioid angiomatosis: possible manifestations of disseminated cat scratch disease in the immunocompromised host: a report of two cases. Kemper CA, et al. **Am J Med** 1990 Aug;89(2):216–22

Tuberculous polymyositis in HIV infection [letter] Pouchot J, et al. **Am J Med** 1990 Aug;89(2):250–1

Intravenous or inhaled pentamidine for treating Pneumocystis carinii pneumonia in AIDS. A randomized trial. Conte JE Jr, et al. **Ann Intern Med** 1990 Aug 1;113(3):203–9

Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Larsen RA, et al. **Ann Intern Med** 1990 Aug 1;113(3):183–7

The radiographic appearance of pulmonary nocardiosis associated with AIDS. Kramer MR, et al. **Chest** 1990 Aug; 98(2):382–5

Protracted enteric cryptosporidial infection in selective immunoglobulin A and saccharomyces opsonin deficiencies. Jacyna MR, et al. **Gut** 1990 Jun;31(6):714–6

Azoles and AIDS. Larsen RA. **J Infect Dis** 1990 Sep; 162(3):727–30 (31 ref.)

OPSONINS

Protracted enteric cryptosporidial infection in selective immunoglobulin A and saccharomyces opsonin deficiencies. Jacyna MR, et al. **Gut** 1990 Jun;31(6):714–6

IgG subclass response and opsonization of Streptococcus pneumoniae after vaccination of healthy adults. Bardardottir E, et al. **J Infect Dis** 1990 Aug;162(2):482–8

Role of complement receptors in opsonophagocytosis of group B streptococci by adult and neonatal neutrophils. Smith CL, et al. **J Infect Dis** 1990 Aug;162(2):489–95

OPTIC DISK

Optic disk neovascularization in juvenile rheumatoid arthritis. Semple HC, et al. **Am J Ophthalmol** 1990 Aug 15; 110(2):210–2

OPTIC NERVE

The role of optic nerve sheath fenestration in management of anterior ischemic optic neuropathy [letter] Hayreh SS. **Arch Ophthalmol** 1990 Aug;108(8):1063–5

Extracranial optic nerve decompression for traumatic optic neuropathy [see comments] Joseph MP, et al. **Arch Ophthalmol** 1990 Aug;108(8):1091–3. Comment in: Arch Ophthalmol 1990 Aug;108(8):1086–7.

Nonarteritic ischemic optic neuropathy in identical female twins: improvement of visual outcome in one by optic nerve decompression [letter] Manor RS. **Arch Ophthalmol** 1990 Aug;108(8):1067–8

Can empty sella syndrome be mistaken for a progressive form of nonarteritic ischemic optic neuropathy? [letter] Mutlukan E, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1066–7

Does optic nerve sheath decompression help progressive ischemic optic neuropathy? [letter] Wilson WB. **Arch Ophthalmol** 1990 Aug;108(8):1065–6

OPTIC NERVE DISEASES

Extracranial optic nerve decompression for traumatic optic neuropathy [see comments] Joseph MP, et al. **Arch Ophthalmol** 1990 Aug;108(8):1091–3. Comment in: Arch Ophthalmol 1990 Aug;108(8):1086–7.

The management of traumatic optic neuropathy [editorial; comment] Miller NR. **Arch Ophthalmol** 1990 Aug; 108(8):1086–7. Comment on: Arch Ophthalmol 1990 Aug;108(8):1091–3.

ORAL HEMORRHAGE

Significant postoperative hemorrhage following biopsy of a prostate tumor metastatic to the mandibular condyle: report of a case. Catrambone RJ, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):858–61

ORBIT

Cutaneous approaches to the orbital skeleton and periorbital structures. Eppley BL, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):842–54 (45 ref.)

The role of tissue expanders in an anophthalmic animal model. Lo AK, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):399–408; discussion 409–10

Surgical correction of exophthalmos secondary to Graves' disease. Thaller SR, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):411–8; discussion 419–21

ORBITAL DISEASES

Primary orbital melanoma associated with orbital melanocytosis. Rice CD, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1130–4

ORBITAL NEOPLASMS

Enchondromatosis and hemangioma (Maffucci's syndrome) with orbital involvement. Johnson TE, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):153–9

Primary orbital melanoma associated with orbital melanocytosis. Rice CD, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1130–4

Role of testing for anticytoplasmic autoantibodies in the differential diagnosis of scleritis and orbital pseudotumor. Kalina PH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1110–7

ORCHIECTOMY

Retroperitoneal haematoma following orchidectomy: implications for staging computed tomography. Page JE, et al. **Br J Radiol** 1990 Jun;63(750):490–2

Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Russell SA, et al. **Br J Radiol** 1990 Jun;63(750):492–4

Gonadotropin-releasing hormone messenger ribonucleic acid levels are unaltered with changes in the gonadal hormone milieu of the adult male rat. Wiemann JN, et al. **Endocrinology** 1990 Aug;127(2):523–32

ORGAN PRESERVATION

Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Pillai R, et al. **Ann Thorac Surg** 1990 Aug;50(2):211–4

ORGAN PROCUREMENT

Organ procurement for pulmonary transplantation [letter] Ribet ME, et al. **Ann Thorac Surg** 1990 Aug;50(2):335–6

Organ donation. I—Management of the multiorgan donor. Odom NJ. **BMJ** 1990 Jun 16;300(6739):1571–3

Organ donation. II-Logistical disincentives to organ donation. Odom NJ. **BMJ** 1990 Jun 16;300(6739):1573–5

Impact of a required request law on vital organ procurement. Ross SE, et al. **J Trauma** 1990 Jul;30(7):820–3; discussion 823–4

Organ donation: a university hospital experience. Morris JA Jr, et al. **South Med J** 1990 Aug;83(8):884–8

Organs for transplantation: analysis of 27,000 cadaveric donor organs. Peters TG, et al. **South Med J** 1990 Aug; 83(8):889–92

ORGANELLES

Chordomas with malignant spindle cell components. A DNA flow cytometric and immunohistochemical study with histogenetic implications. Hruban RH, et al. **Am J Pathol** 1990 Aug;137(2):435–47

ORGANOMETALLIC COMPOUNDS

Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Grimfors G, et al. **Blood** 1990 Aug 1; 76(3):583–9

Sucralfate, bismuth subcitrate, and gastric HCO3 in humans [letter] **Gut** 1990 Aug;31(8):958–9

Bismuth and dyspepsia. **Lancet** 1990 Aug 25;336(8713):472–3 (10 ref.)

Rheumatoid knee: role of gadopentetate-enhanced MR imaging. Kursunoglu-Brahme S, et al. **Radiology** 1990 Sep; 176(3):831–5

Severe anaphylactoid reaction to Gd-DTPA [letter] Lufkin RB. **Radiology** 1990 Sep;176(3):879

ORGANOPLATINUM COMPOUNDS

Decreased phenytoin level after carboplatin treatment [letter] Dofferhoff AS, et al. **Am J Med** 1990 Aug;89(2):247–8

ORGANOTECHNETIUM COMPOUNDS

Clinical use of 24-hour gastric pH monitoring vs o-diisopropyl iminodiacetic acid (DISIDA) scanning in the diagnosis of pathologic duodenogastric reflux. Stein HJ, et al. **Arch Surg** 1990 Aug;125(8):966–70; discussion 970–1

Comparison of 99Tcm dimercaptosuccinic acid scans and intravenous urography in children. Whitear P, et al. **Br J Radiol** 1990 Jun;63(750):438–43

High resolution single photon emission computerized tomography (SPECT) 99mtechnetium-dimercapto-succinic acid renal imaging: a state of the art technique. Tarkington MA, et al. **J Urol** 1990 Aug;144(2 Pt 2):598–600; discussion 606

Complementary use of Doppler sonography and delayed right lateral scintigraphy for the diagnosis of choledochal cysts. Parvey HR, et al. **South Med J** 1990 Aug;83(8):970–2 (6 ref.)

ORGANOTHIOPHOSPHORUS COMPOUNDS

Further studies on selective radioprotection by organic zinc salts and synergism of zinc aspartate with WR 2721. Floersheim GL, et al. **Br J Radiol** 1990 Jun;63(750):468–75

Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Besser R, et al. **Neurology** 1990 Aug;40(8):1275–7

ORNITHINE CARBAMOYLTRANSFERASE

Clearance of toxic metabolites during therapy for inborn errors of metabolism [letter] Ring E, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):349–50

OROPHARYNX

Oropharynx in patients with cerebrovascular disease: evaluation with videofluoroscopy. Chen MY, et al. **Radiology** 1990 Sep;176(3):641–3

ORTHOMYXOVIRIDAE

A comparative study of the infection thresholds of Thogoto virus in Rhipicephalus appendiculatus and Amblyomma variegatum. Davies CR, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):99–103

ORTHOMYXOVIRUS INFECTIONS

A comparative study of the infection thresholds of Thogoto virus in Rhipicephalus appendiculatus and Amblyomma variegatum. Davies CR, et al. **Am J Trop Med Hyg** 1990

Jul;43(1):99-103

ORTHOMYXOVIRUS TYPE A, AVIAN

Comparison of live attenuated cold-adapted and avian-human influenza A/Bethesda/85 (H3N2) reassortant virus vaccines in infants and children. Steinhoff MC, et al. **J Infect Dis** 1990 Aug;162(2):394-401

ORTHOMYXOVIRUS TYPE A, HUMAN

Comparison of live attenuated cold-adapted and avian-human influenza A/Bethesda/85 (H3N2) reassortant virus vaccines in infants and children. Steinhoff MC, et al. **J Infect Dis** 1990 Aug;162(2):394-401

ORTHOPEDIC EQUIPMENT

Avascular necrosis in patients treated with the Pavlik harness for congenital dislocation of the hip. Suzuki S, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1048-55

The Bath bike for walking rehabilitation. May PC, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):618-9

The orthopaedic scooter. An energy-saving aid for assisted ambulation. Roberts P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):620-1

ORTHOPEDIC FIXATION DEVICES

The vascular repair of an experimental osteotomy held in an external fixator. Brueton RN, et al. **Clin Orthop** 1990 Aug;(257):286-304

Cotrel-Dubousset instrumentation and vertebral rotation in adolescent idiopathic scoliosis. Cundy PJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):670-4

External fixation of the injured pelvis. The functional outcome. Majeed SA. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):612-4

Rigid internal fixation vs. traditional techniques for the treatment of mandible fractures. Hoffman WY, et al. **J Trauma** 1990 Aug;30(8):1032-5; discussion 1035-6

Halo immobilization and surgical fusion: relative indications and effectiveness in the treatment of 140 cervical spine injuries. Rockswold GL, et al. **J Trauma** 1990 Jul; 30(7):893-8

ORTHOPEDICS

Orthopaedics Overseas: first world MDs can make a difference in the Third World. Hall M. **Can Med Assoc J** 1990 Aug 15;143(4):304-5

Symposium. Certification and accreditation in orthopedic surgery. **Clin Orthop** 1990 Aug;(257):1-66

The relationship between residency programs and fellowships in the educational setting. Allen WC. **Clin Orthop** 1990 Aug;(257):57-60

Recertification. One orthopedic surgeon's view. Edmonson AS. **Clin Orthop** 1990 Aug;(257):35-7

Recertification in orthopedics. Kettelkamp DB, et al. **Clin Orthop** 1990 Aug;(257):29-34

The development of orthopedic certification in the United States. Omer GE Jr. **Clin Orthop** 1990 Aug;(257):11-7

Societal trends toward accountability in the professions. Rineberg BA. **Clin Orthop** 1990 Aug;(257):43-6

Radiation exposure from fluoroscopy during orthopedic surgical procedures [letter] Schneider M. **Clin Orthop** 1990 Aug;(257):311-2

Certificates of added qualifications in orthopedic surgery. Urbaniak JR. **Clin Orthop** 1990 Aug;(257):52-6

Fifty years of the American Board of Orthopaedic Surgery. 1934 [classical article] Wickstrom JK. **Clin Orthop** 1990 Aug;(257):3-10

The accreditation of graduate educational programs in orthopedic surgery. Wilson FC. **Clin Orthop** 1990 Aug; (257):18-21

Many mountains climbed, many yet to conquer. Chapman MW. **J Bone Joint Surg [Am]** 1990 Aug;72(7):959-63

Clostridium difficile infection in orthopaedic patients. Clarke HJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1056-9

A meeting of the British Orthopaedic Research Society. London, September 12, 1989. Abstracts. **J Bone Joint Surg [Br]** 1990 Jul;72(4):735-9

The 35th annual congress of the South African Orthopaedic Association. Pretoria, September 5-8, 1989. Abstracts. **J Bone Joint Surg [Br]** 1990 Jul;72(4):740-9

Lasers in podiatry and orthopedics. Pyrcz RA, et al. **Nurs Clin North Am** 1990 Sep;25(3):719-23

ORTHOTIC DEVICES

Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Hirokawa S, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):687-94

Compression of the anterior interosseous nerve after use of a sling for dislocation of the acromioclavicular joint. A report of two cases. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1100-2

The Matrix seating system. Trail IA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):666-9

OSSIFICATION, PATHOLOGIC

Radiation-blocking shields to localize periarticular radiation precisely for prevention of heterotopic bone formation around uncemented total hip arthroplasties. Jasty M, et al. **Clin Orthop** 1990 Aug;(257):138-45

Heterotopic ossification about the hip after intramedullary nailing for fractures of the femur. Brumback RJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1067-73

OSTEITIS DEFORMANS

Efficacy of intranasal human calcitonin in patients with Paget's disease refractory to salmon calcitonin. Muff R, et al. **Am J Med** 1990 Aug;89(2):181-4

OSTEOARTHRITIS

Fibrinolytic activity in the synovial membrane of osteoarthritis. Matucci-Cerinic M, et al. **Br J Rheumatol** 1990 Aug;29(4):249-53

Association of osteoarthritis with homozygosity for a 5.8 kb Taq I fragment of the alpha 1-antichymotrypsin gene. Sakkas LI, et al. **Br J Rheumatol** 1990 Aug;29(4):245-8

Total knee arthroplasty with the kinematic prosthesis. Results after five to nine years: a follow-up note. Wright J, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1003-9

Anteroposterior radiographs of the osteoarthritic knee. Messieh SS, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):639-40

The Roper-Day total shoulder replacement. Roper BA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):694-7

Degenerative arthritis after intra-articular fractures of the knee. Long-term results. Volpin G, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):634-8

OSTEOARTHRITIS, HIP

Treatment of osteoarthrosis secondary to congenital dislocation of the hip. Primary cemented surface replacement compared with conventional total hip replacement. Davlin LB, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1035-42

Valgus-extension osteotomy for osteoarthritis of the hip. Indications and long-term results. Maistrelli GL, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):653-7

Alumina-on-alumina hip replacement. Results and survivorship in young patients. Sedel L, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):658-63

Endocarditis and hip arthritis associated with Scedosporium inflatum. Toy EC, et al. **South Med J** 1990 Aug; 83(8):957-60 (17 ref.)

OSTEOBLASTS

Increased activity of insulin-like growth factor (IGF) in osteoblastic cells in the presence of growth hormone (GH): positive correlation with the presence of the GH-induced IGF-binding protein BP-3. Ernst M, et al. **Endocrinology** 1990 Aug;127(2):807-14

OSTEOCALCIN

Interferon-gamma inhibits 1,25-dihydroxyvitamin D3-stimulated synthesis of bone GLA protein in rat osteosarcoma cells by a pretranslational mechanism. Nanes MS, et al. **Endocrinology** 1990 Aug;127(2):588-94

OSTEOCHONDRITIS

Osteochondritis dissecans of the knee: value of MR imaging in determining lesion stability and the presence of articular cartilage defects. De Smet AA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):549-53

OSTEOCHONDRODYSPLASIAS

Enchondromatosis and hemangioma (Maffucci's syndrome) with orbital involvement. Johnson TE, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):153-9

OSTEOCLASTS

Development of an immunoassay for human serum osteoclastic tartrate-resistant acid phosphatase. Kraenzlin ME, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):442-51

OSTEOGENESIS IMPERFECTA

Radiological cases of the month. Expansile bone cyst in osteogenesis imperfecta. Goodman P, et al. **Am J Dis Child** 1990 Aug;144(8):933-4

OSTEOLYSIS

Endosteal erosion in association with stable uncemented femoral components. Maloney WJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1025-34

Effects of a new bisphosphonate (AHBuBP) on osteolysis induced by human prostate cancer cells in nude mice. Nemoto R, et al. **J Urol** 1990 Sep;144(3):770-4

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 34-1990. A 74-year-old man with a failed right-hip replacement, constant pain centered in the right hip, and an osteolytic lesion in the right acetabulum. **N Engl J Med** 1990 Aug 23;323(8):534-9

OSTEOMA

Osteoma of the maxillary sinus. Varboncoeur AP, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):882-3

OSTEOMYELITIS

Disseminated Mycobacterium chelonae subspecies chelonae infection with cutaneous and osseous manifestations. Drabick JJ, et al. **Arch Dermatol** 1990 Aug;126(8):1064-7 (15 ref.)

Pott's puffy tumour reviewed. Blackshaw G, et al. **J Laryngol Otol** 1990 Jul;104(7):574-7 (7 ref.)

Maternal group B streptococcal vertebral osteomyelitis: an unusual complication of vaginal delivery. Lischke JH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):489-91

OSTEONECROSIS

Steroid-related osteonecrosis of the knee. Two case reports and a literature review. Kelman GJ, et al. **Clin Orthop** 1990 Aug;(257):171-6 (17 ref.)

OSTEOPATHIC MEDICINE

Performances of U.S. osteopathic and Canadian medical school graduates on the American Board of Internal Medicine Certifying Examinations, 1984-1988. Shea JA, et al. **Acad Med** 1990 Aug;65(8):523-6

OSTEOPOROSIS

Screening for osteoporosis [letter] Ott SM. **Ann Intern Med** 1990 Aug 1;113(3):256

What shall we do about osteoporosis? The British Institute of Radiology. London, 22 November 1989. Abstracts. **Br J Radiol** 1990 May;63(749):370-2

Osteoporosis after cranial irradiation for acute lymphoblastic leukemia. Gilsanz V, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):238-44

Bone density screening for osteoporosis [letter] **Lancet** 1990 Aug 25;336(8713):502-3

Fluoride and vertebral fractures [letter] Mamelle N, et al. **Lancet** 1990 Jul 28;336(8709):243

Bone density screening for osteoporosis [letter] Raffle AE, et al. **Lancet** 1990 Jul 28;336(8709):242

Osteoporosis: a "new morbidity" for dieting female adolescents? Kreipe RE, et al. **Pediatrics** 1990 Sep; 86(3):478-80

OSTEOPOROSIS, POSTMENOPAUSAL

Effects on bone of surgical menopause and estrogen therapy with or without progesterone replacement in cynomolgus monkeys. Jayo MJ, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):614-8

Estrogen therapy for osteoporosis: is it effective? Barzel US. **Hosp Pract [Off]** 1990 Jul 15;25(7):95-9, 102, 105-8

OSTEOSARCOMA

Osteosarcomas in transgenic mice expressing an alpha-amylase-SV40 T-antigen hybrid gene. Knowles BB, et al. **Am J Pathol** 1990 Aug;137(2):259-62

Pediatric osteosarcoma. Successful retreatment of relapsed primary tumor and soft tissue recurrence with intraarterial cis-diamminedichloroplatin-II. Epelman S, et al. **Cancer** 1990 Aug 15;66(4):801-5

Interferon-gamma inhibits 1,25-dihydroxyvitamin D3-stimulated synthesis of bone GLA protein in rat osteosarcoma cells by a pretranslational mechanism. Nanes MS, et al. **Endocrinology** 1990 Aug;127(2):588-94

Osteogenic sarcoma arising in the area of a total hip replacement. A case report. Brien WW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1097-9

IL-1 binds to high affinity receptors on human osteosarcoma cells and potentiates prostaglandin E2 stimulation of cAMP production. Rodan SB, et al. **J Immunol** 1990 Aug 15; 145(4):1231-7

OSTEOSCLEROSIS

Paradoxical bone mineralisation in the twin to twin transfusion syndrome. Bishop NJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):705-6

OSTEOTOMY

Foreign-body reactions to fracture fixation implants of biodegradable synthetic polymers. Böstman O, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):592-6

Femoral osteotomy in Perthes' disease. Results at maturity. Coates CJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):581-5

Valgus-extension osteotomy for osteoarthritis of the hip. Indications and long-term results. Maistrelli GL, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):653-7

Movement of the femoral head after Salter osteotomy for acetabular dysplasia. Wong-Chung J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):563-7

Assessment of the stability of mandibular setback procedures with rigid fixation. Sorokolit CA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):817–22
Rigid fixation of the intraoral inverted 'L' osteotomy. Van Sickels JE, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):894–8
Surgical correction of exophthalmos secondary to Graves' disease. Thaller SR, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):411–8; discussion 419–21

OTITIS EXTERNA

Malignant external otitis in an infant. Nir D, et al. **J Laryngol Otol** 1990 Jun;104(6):488–90
Management of radiation-induced otitis externa. Robinson AC. **J Laryngol Otol** 1990 Jun;104(6):458–9

OTITIS MEDIA

Responses to rubella, tetanus, and diphtheria vaccines in otitis-prone and non-otitis-prone children. Prellner K, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):628–32
Morphologic and biochemical study of vascular permeability of the middle ear mucosa in experimental otitis media. Sakagami M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug; 99(8):654–9
Acute otitis media [letter] **BMJ** 1990 Jun 9;300(6738):1524
Risks of developing an otogenic intracranial abscess. Nunez DA, et al. **J Laryngol Otol** 1990 Jun;104(6):468–72
Reliability of conventional ear swabs in tubotympanic CSOM. Raju KG, et al. **J Laryngol Otol** 1990 Jun; 104(6):460–2

OTITIS MEDIA WITH EFFUSION

Morphologic and biochemical study of vascular permeability of the middle ear mucosa in experimental otitis media. Sakagami M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug; 99(8):654–9
Prevalence of otitis media with effusion in children with bilateral sensorineural hearing loss. Das VK. **Arch Dis Child** 1990 Jul;65(7):757–9
Antibiotic treatment of children with secretory otitis media [letter] Thomsen J. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):978
A randomised controlled trial of surgery for glue ear. Black NA, et al. **BMJ** 1990 Jun 16;300(6739):1551–6
Respiratory viruses interfere with bacteriologic response to antibiotic in children with acute otitis media. Chonmaitree T, et al. **J Infect Dis** 1990 Aug;162(2):546–9
Otitis media in infancy and intellectual ability, school achievement, speech, and language at age 7 years. Greater Boston Otitis Media Study Group. Teele DW, et al. **J Infect Dis** 1990 Sep;162(3):685–94

OTOLARYNGOLOGY

The resident selection process in otolaryngology-head and neck surgery. Calhoun KH, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1041–3

OTORHINOLARYNGOLOGIC DISEASES

Acute ENT admission in Kawasaki disease. Murrant NJ, et al. **J Laryngol Otol** 1990 Jul;104(7):581–4
Lasers in otolaryngology. Smalley PJ. **Nurs Clin North Am** 1990 Sep;25(3):645–56 (14 ref.)

OTOSCLEROSIS

Predicting binaural hearing after stapedectomy from presurgery results. Hall JW 3d, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):946–50

OUABAIN

The in vivo response of ouabain-induced arrhythmias to pacing: acceleration instead of termination. Vos MA, et al. **Am Heart J** 1990 Sep;120(3):604–11

OUTPATIENT CLINICS, HOSPITAL

Outpatient care: a nationwide revolution. Anderson HJ, et al. **Hospitals** 1990 Aug 5;64(15):28–35

OVARIAN NEOPLASMS

Large cystic granulosa cell tumor: case report. Choi CH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):74–6
Expression of P-glycoprotein in epithelial ovarian cancer: evaluation as a marker of multidrug resistance. Rubin SC, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):69–73
Ovarian granulosa cell tumorigenesis in SWR-derived F1 hybrid mice: preneoplastic follicular abnormality and malignant disease progression. Tennent BJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):625–34
Malignant struma ovarii: presentation and management. O'Connell ME, et al. **Br J Radiol** 1990 May;63(749):360–3
Scleroderma and ovarian carcinoma [letter] Young R, et al. **Br J Rheumatol** 1990 Aug;29(4):314
Relationship between CA 125 and progesterone production in women with ovarian carcinoma. Mählck CG, et al. **Cancer** 1990 May 1;65(9):2058–63
Ovarian tumors with functioning stroma. An immunohistochemical study of 100 cases with human chorionic gonadotropin monoclonal and polyclonal antibodies. Matias-Guiu X, et al. **Cancer** 1990 May 1; 65(9):2001–5
Survival of patients with ovarian cancer. Apart from stage and grade, tumor progesterone receptor content is a prognostic indicator. Slotman BJ, et al. **Cancer** 1990 Aug 15;66(4):740–4
Management of malignant ovarian immature teratoma. Role of adriamycin. Vergote IB, et al. **Cancer** 1990 Sep 1; 66(5):882–6 (33 ref.)
Bilateral spontaneous pneumothoraces caused by metastatic ovarian granulosa cell tumor. Davidson PG, et al. **Chest** 1990 Aug;98(2):503–5
Detection of early ovarian cancer [letter] **Lancet** 1990 Aug 18;336(8712):436
Simultaneous measurement of CA 125, CA 19-9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Kamiya N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):417–21
Clinical evaluation of tumor-associated mucin-type glycoprotein CA 54/61 in ovarian cancers: comparison with CA 125. Suzuki M, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):422–7
Cellular fibroma masquerading as ovarian carcinoma. Walker JL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):530–1
Pelvic masses in pregnancy: MR imaging. Kier R, et al. **Radiology** 1990 Sep;176(3):709–13

OVARIECTOMY

Investigation of the mechanism by which insulin-induced hypoglycemia decreases luteinizing hormone secretion in ovariectomized ewes. Clarke IJ, et al. **Endocrinology** 1990 Sep;127(3):1470–6
Unexpected inhibitory action of N-methyl-D,L-aspartate or luteinizing hormone release in adult ovariectomized rhesus monkeys: a role of the hypothalamic-adrenal axis. Reyes A, et al. **Endocrinology** 1990 Aug;127(2):724–9
Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Turner RT, et al. **Endocrinology** 1990 Sep; 127(3):1346–51

OVARY

Ovarian granulosa cell tumorigenesis in SWR-derived F1 hybrid mice: preneoplastic follicular abnormality and malignant disease progression. Tennent BJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):625–34
Abnormal ovarian cell line: a cause for ovarian failure. Case report. Abdel Gadir AA, et al. **Br J Obstet Gynaecol** 1990 May;97(5):446–8
Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Dupont E, et al. **Endocrinology** 1990 Sep;127(3):1394–403
Production and characterization of polyclonal antiserum to rat luteinizing hormone/chorionic gonadotropin receptor and its immunohistochemical application for studying receptor location and down-regulation. Lakkakorpi JT, et al. **Endocrinology** 1990 Aug;127(2):513–22
Ovarian 17-ketosteroid reductase deficiency as a possible cause of polycystic ovarian disease. Toscano V, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):288–92
Insulin-like growth factor-I enhances luteinizing hormone binding to rat ovarian theca-interstitial cells. Cara JF, et al. **J Clin Invest** 1990 Aug;86(2):560–5

OVERDOSE

Clonidine poisoning in children [letter] Wedin GP, et al. **Am J Dis Child** 1990 Aug;144(8):853–4
Toxicity of fluoxetine in overdose [letter] Moore JL, et al. **Am J Psychiatry** 1990 Aug;147(8):1089

OVULATION

Cytokines act within the brain to inhibit luteinizing hormone secretion and ovulation in the rat. Rivier C, et al. **Endocrinology** 1990 Aug;127(2):849–56
Adnexal torsion in menotropin-induced pregnancies. Kemmann E, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):403–6

OVULATION DETECTION

Ovulation prediction from cyclic changes in salivary electrical conductivity [letter] Loewit K, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):708–10

OVUM TRANSPORT

The complex nature of egg transport through the oviduct [letter] Egarter C. **Am J Obstet Gynecol** 1990 Aug; 163(2):687–8

OWNERSHIP

Physician ownership of health care facilities [news] Foreman J. **Arch Ophthalmol** 1990 Aug;108(8):1077
Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the private sector. Shanks JM. **J Clin Pathol** 1990 Jul; 43(7):525–6
Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the university sector. Whitby LG, et al. **J Clin Pathol** 1990 Jun;43(6):441–4

OXACILLIN

Antibiotic prophylaxis during prolonged clean neurosurgery. Results of a randomized double-blind study using oxacillin. Djindjian M, et al. **J Neurosurg** 1990 Sep;73(3):383–6

OXADIAZOLES

Increase in [3H]PN 200-110 binding to cardiac muscle membrane in streptozocin-induced diabetic rats. Nishio Y, et al. **Diabetes** 1990 Sep;39(9):1064–9

OXAZOLES

Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288–92

OXIDATIVE PHOSPHORYLATION

Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864–9

OXIMES

A controlled trial of fluvoxamine in obsessive-compulsive disorder: implications for a serotonergic theory. Jenike MA, et al. **Am J Psychiatry** 1990 Sep;147(9):1209–15

OXIMETRY

An unusual pulse oximeter artifact [letter] Marks LF, et al. **Anaesthesia** 1990 Jun;45(6):501
A warning in the use of pulse oximeters [letter] **Anesthesiology** 1990 Aug;73(2):358–9
Misuse of the pulse oximeter by the ... patient! [letter] Azzam FJ, et al. **Anesthesiology** 1990 Aug;73(2):355
Severe burns from a pulse oximeter. Murphy KG, et al. **Anesthesiology** 1990 Aug;73(2):350–2
The effect of caput succedaneum on oxygen saturation measurements. Johnson N, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):493–8

OXYGEN

Failure of an oxygen flow control valve [letter] Khalil SN, et al. **Anesthesiology** 1990 Aug;73(2):355–6
Effects of oxygen supply on protein metabolism in surgically injured rats. Oxygen as a nutrient. Mimura Y, et al. **Ann Surg** 1990 Aug;212(2):228–33
The effect of caput succedaneum on oxygen saturation measurements. Johnson N, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):493–8
The effect of oxygen on aldosterone release from bovine adrenocortical cells in vitro: PO2 versus steroidogenesis. Raff H, et al. **Endocrinology** 1990 Aug;127(2):682–7
Oxygen tension regulates the expression of the platelet-derived growth factor-B chain gene in human endothelial cells. Kourembanas S, et al. **J Clin Invest** 1990 Aug;86(2):670–4
Xenon for anaesthesia [letter] James PB. **Lancet** 1990 Aug 4;336(8710):324
Mechanisms of oxygen free radical-induced calcium overload in endothelial cells. Franceschi D, et al. **Surgery** 1990 Aug;108(2):292–7

OXYGEN CONSUMPTION

Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Karlsson BR, et al. **Anesth Analg** 1990 Aug;71(2):125–9
Cerebrovascular and cerebral metabolic effects of N2O in unrestrained rats. Baughman VL, et al. **Anesthesiology** 1990 Aug;73(2):269–72
Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Annat GJ, et al. **Chest** 1990 Aug;98(2):411–4
Oxygen delivery and oxygen uptake in postoperative and septic patients. Vermeij CG, et al. **Chest** 1990 Aug; 98(2):415–20
Genetic mechanisms that determine oxidative capacity of striated muscles. Control of gene transcription. Williams RS. **Circulation** 1990 Aug;82(2):319–31 (95 ref.)
Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps. Swallow CJ, et al. **Surgery** 1990 Aug;108(2):363–8; discussion 368–9

OXYGEN INHALATION THERAPY

Treatment of obstructive sleep apnea. A preliminary report comparing nasal CPAP to nasal oxygen in patients with mild OSA. Phillips BA, et al. **Chest** 1990 Aug;98(2):325–30
Oxygen concentrator malfunction [letter] Solanki T, et al. **Lancet** 1990 Aug 25;336(8713):512

OXYGENATORS

Detection of microbubbles released by oxygenators during cardiopulmonary bypass by intraoperative transesophageal echocardiography. Meloni L, et al. **Am J Cardiol** 1990 Aug 15;66(4):511–4
Extraordinary oxygen pipeline failure [letter] Black AE. **Anaesthesia** 1990 Jul;45(7):599–600
Hypoxemia during cardiopulmonary bypass [letter] Belcher P, et al. **Ann Thorac Surg** 1990 Aug;50(2):336

OXYTOCICS

Induction of labor with mifepristone (RU 486) in intrauterine fetal death. Cabrol D, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):540–2

OXYTOCIN

A new tocolytic agent: development of an oxytocin antagonist for inhibiting uterine contractions. Wilson L Jr, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):195–202
Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Chandrasekher YA, et al. **Endocrinology** 1990 Aug;127(2):926–33
Myometrial oxytocin receptors levels in the pregnant rat are higher in distal than in proximal portions of the horn and correlate with disparate oxytocin responsive myometrial contractility in these segments. Gorodeski GI, et al. **Endocrinology** 1990 Sep;127(3):1136–43
Oxytocin in active-phase abnormalities of labor: a randomized study [letter] Saunders N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):475

OZONE

Effect of ozone inhalation on the response to nasal challenge with antigen of allergic subjects. Bascom R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):594–601
Skin cancer and the ozone shield [letter] Staehelin J, et al. **Lancet** 1990 Aug 25;336(8713):502

PACEMAKER, ARTIFICIAL

Superior vena cava syndrome following pacemaker insertion post atrial septal defect repair. Angeli SJ. **Am Heart J** 1990 Aug;120(2):433–5
Crosstalk inhibition of a dual-chamber pacemaker diagnosed by ambulatory electrocardiography. Janosik DL, et al. **Am Heart J** 1990 Aug;120(2):435–8
Rate-responsive pacemakers and anaesthesia. A consideration of possible implications. Andersen C, et al. **Anaesthesia** 1990 Jun;45(6):472–6 (35 ref.)
Clinical interactions between pacemakers and automatic implantable cardioverter-defibrillators. Calkins H, et al. **J Am Coll Cardiol** 1990 Sep;16(3):666–73

PAGET'S DISEASE, EXTRA-MAMMARY

Expression of ras p21 in mammary and extramammary Paget's disease. Mori O, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):858–61
Recurrent Paget disease of the vulva in a split-thickness graft. Misas JE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):543–4

PAIN

The privilege of pain (or, how does one spell r-e-l-i-e-f?) [editorial] Johnson EW. **Am J Phys Med Rehabil** 1990 Aug; 69(4):179
Shoulder pain in hemiplegia. The role of exercise. Kumar R, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):205–8
Can trials of physical treatments be blinded? The example of transcutaneous electrical nerve stimulation for chronic pain [letter] Thorsteinsson G. **Am J Phys Med Rehabil** 1990 Aug;69(4):219–20
Awareness and pain during surgery [letter] Henshaw JS. **Anaesthesia** 1990 Jun;45(6):491–2
Pain on injection of propofol. Methods of alleviation. Johnson RA, et al. **Anaesthesia** 1990 Jun;45(6):439–42
Pain on injection of propofol: the effect of injectate temperature. McCrirrick A, et al. **Anaesthesia** 1990 Jun; 45(6):443–4
Painful onset of intrathecal blockade. Read MS, et al. **Anaesthesia** 1990 Jun;45(6):460–1
Polymyalgia and minoxidil [letter] Colamarino R, et al. **Ann Intern Med** 1990 Aug 1;113(3):256–7
Brain injury obscured by chronic pain: a preliminary report. Anderson JM, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):703–8
Painful shoulder in the hemiplegic and unilateral neglect. Poulin de Courval L, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):673–8
Psychological symptoms in primary fibromyalgia syndrome: relationship to pain, life stress, and sleep disturbance. Uveges JM, et al. **Arthritis Rheum** 1990 Aug;33(8):1279–83
Central pain [letter] Bowsher D. **BMJ** 1990 Jun 23; 300(6740):1652
Association of painful and painless diabetic polyneuropathy with different patterns of nerve fiber degeneration and regeneration. Britland ST, et al. **Diabetes** 1990 Aug; 39(8):898–908
A modulatory role for luteinizing hormone-releasing hormone in nociceptive responses of female rats. Ratka A, et al. **Endocrinology** 1990 Aug;127(2):667–73
Ultrasound examination of the irritable hip. Bickerstaff DR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):549–53
Effect of bullet removal on subsequent pain in persons with spinal cord injury secondary to gunshot wound. Richards JS, et al. **J Neurosurg** 1990 Sep;73(3):401–4
Bone pain as an initial symptom of childhood acute lymphoblastic leukemia: association with nearly normal hematologic indexes. Jonsson OG, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):233–7
Tryptophan [letter] **JAMA** 1990 Aug 22–29;264(8):969–71
Pain relief in neonatal intensive care [letter] Tohill J, et al. **Lancet** 1990 Sep 1;336(8714):569
Ketorolac tromethamine. **Med Lett Drugs Ther** 1990 Aug 24;32(825):79–81

PAIN, INTRACTABLE

Constant infusion of morphine for intractable cancer pain using an implanted pump. Hassenbusch SJ, et al. **J Neurosurg** 1990 Sep;73(3):405–9

PAIN, POSTOPERATIVE

Evaluation of two formulations of dihydrocodeine using patient-controlled analgesia. Aitken HA, et al. **Anaesthesia** 1990 Jul;45(7):535–7
Variables of patient-controlled analgesia. 3: Test of an infusion-demand system using alfentanil. Owen H, et al. **Anaesthesia** 1990 Jun;45(6):452–5
Comparison of intramuscular ketorolac and morphine in pain control after laparotomy. Powell H, et al. **Anaesthesia** 1990 Jul;45(7):538–42
Analgesia after haemorrhoidectomy [letter] Severn AM, et al. **Anaesthesia** 1990 Jul;45(7):597–8
Comparison of epidural sufentanil plus clonidine with sufentanil alone for postoperative pain relief. Vercauteren M, et al. **Anaesthesia** 1990 Jul;45(7):531–4
Inhaled fentanyl as a method of analgesia. Worsley MH, et al. **Anaesthesia** 1990 Jun;45(6):449–51
Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Dyer RA, et al. **Anesth Analg** 1990 Aug;71(2):130–6
Choice of incision and pain following gallbladder surgery. Armstrong PJ, et al. **Br J Surg** 1990 Jul;77(7):746–8
Epidural analgesia in colonic surgery: results of a randomized prospective study. Bredtmann RD, et al. **Br J Surg** 1990 Jun;77(6):638–42
Glucocorticoids suppress levels of immunoreactive bradykinin in inflamed tissue as evaluated by microdialysis probes. Hargreaves KM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):168–78
Double-blind comparison of meclofenamate sodium plus codeine, meclofenamate sodium, codeine, and placebo for relief of pain following surgical removal of third molars. Giglio JA, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):785–90
Approaches for management of postoperative pain [letter] Wang RI. **Mayo Clin Proc** 1990 Jul;65(7):1031–2

PALLIATIVE TREATMENT

Buccal nitroglycerin decreases ischemic pain during coronary angioplasty: a double-blind, randomized, placebo-controlled study. Johansson SR, et al. **Am Heart J** 1990 Aug;120(2):275–81
Surgical palliation for pancreatic cancer. The UCLA experience. Singh SM, et al. **Ann Surg** 1990 Aug; 212(2):132–9
Neodymium:YAG laser and brachytherapy in the management of inoperable bronchogenic carcinoma. Miller JI Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):190–5; discussion 195–6
Palliative care for children with cancer—home, hospital, or hospice? Goldman A, et al. **Arch Dis Child** 1990 Jun; 65(6):641–3

PANCREAS

Dynamic contrast enhanced computed tomography: a precise technique for identifying and localising pancreatic necrosis. Larvin M, et al. **BMJ** 1990 Jun 2;300(6737):1425–8
Inhibition of insulin and somatostatin secretion and stimulation of glucagon release by homologous galanin in perfused rat pancreas. Miralles P, et al. **Diabetes** 1990 Aug; 39(8):996–1001
Regulation of plasma cholecystokinin levels by bile and bile acids in the rat. Ohta H, et al. **Gastroenterology** 1990 Sep; 99(3):819–25
Feedback regulation of pancreatic secretion. Schubert ML. **Gastroenterology** 1990 Sep;99(3):890–1
Ultrasonically guided histological and cytological fine needle biopsies of the pancreas. Reliability and reproducibility of diagnoses. Glenthøj A, et al. **Gut** 1990 Aug;31(8):930–3
Biopsy of the pancreas with a biopsy gun [see comments] Elvin A, et al. **Radiology** 1990 Sep;176(3):677–9. Comment in: Radiology 1990 Sep;176(3):615–6.
Pancreaticoduodenal artery aneurysms: changing patterns. Granke K, et al. **South Med J** 1990 Aug;83(8):918–21 (21 ref.)
Trophic stimulation of the ductal/islet cell axis: a new approach to the treatment of diabetes. Rosenberg L, et al. **Surgery** 1990 Aug;108(2):191–7

PANCREAS TRANSPLANTATION

Organs for transplantation: analysis of 27,000 cadaveric donor organs. Peters TG, et al. **South Med J** 1990 Aug; 83(8):889–92
Reversal of diabetic somatic neuropathy by whole-pancreas transplantation. Orloff MJ, et al. **Surgery** 1990 Aug; 108(2):179–89; discussion 189–90

PANCREATECTOMY

Radical pancreatectomy for pancreatic cancer in the elderly. Is it safe and justified? Spencer MP, et al. **Ann Surg** 1990 Aug;212(2):140–3

PANCREATIC CYST

Cystic lymphoepithelial lesion of the pancreas. Mockli GC, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):85–7 (11 ref.)
Massive haemorrhage following endoscopic transgastric drainage of pancreatic pseudocyst. Donnelly PK, et al. **Br J Surg** 1990 Jul;77(7):758–9

PANCREATIC DISEASES

Ultrasonically guided histological and cytological fine needle biopsies of the pancreas. Reliability and reproducibility of diagnoses. Glenthøj A, et al. **Gut** 1990 Aug;31(8):930–3

PANCREATIC DUCTS

Trophic stimulation of the ductal/islet cell axis: a new approach to the treatment of diabetes. Rosenberg L, et al. **Surgery** 1990 Aug;108(2):191–7

PANCREATIC FUNCTION TESTS

Caerulein induced plasma amino acid decrease: a simple, sensitive, and specific test of pancreatic function. Gullo L, et al. **Gut** 1990 Aug;31(8):926–9

PANCREATIC HORMONES

Autocrine regulation of parathyroid secretion: inhibition of secretion by chromogranin-A (secretory protein-I) and potentiation of secretion by chromogranin-A and pancreastatin antibodies. Fasciotto BH, et al. **Endocrinology** 1990 Sep;127(3):1329–35

PANCREATIC INSUFFICIENCY

Fluorescein dilaurate test of exocrine pancreatic function in cystic fibrosis. Dalzell AM, et al. **Arch Dis Child** 1990 Jul; 65(7):788–9
Postoperative management of patients with total exocrine pancreatic insufficiency. Braga M, et al. **Br J Surg** 1990 Jun;77(6):669–72

PANCREATIC JUICE

Renaming pancreatic stone protein as 'lithostathine' [letter] Sarles H, et al. **Gastroenterology** 1990 Sep;99(3):900–1

PANCREATIC NEOPLASMS

Islet cell tumors in von Hippel-Lindau disease: increased prevalence and relationship to the multiple endocrine neoplasias. Binkovitz LA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):501–5
Surgical palliation for pancreatic cancer. The UCLA experience. Singh SM, et al. **Ann Surg** 1990 Aug; 212(2):132–9
Radical pancreatectomy for pancreatic cancer in the elderly. Is it safe and justified? Spencer MP, et al. **Ann Surg** 1990 Aug;212(2):140–3
Nonmucinous, glycogen-poor cystadenocarcinoma of the pancreas. Friedman HD. **Arch Pathol Lab Med** 1990 Aug; 114(8):888–91
Treatment of a pancreatic tumour secreting parathyroid hormone related protein [letter] Dodwell D, et al. **BMJ** 1990 Jun 23;300(6740):1653
Tamoxifen therapy in unresectable adenocarcinoma of the pancreas and the papilla of Vater. Bakkevold KE, et al. **Br J Surg** 1990 Jul;77(7):725–30
Medical treatment and long-term survival in a prospective study of 84 patients with endocrine pancreatic tumors. Eriksson B, et al. **Cancer** 1990 May 1;65(9):1883–90
Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930–5
Familial pancreatic cancer: insight into etiology or an interesting quirk of nature? Robinson AE, et al.

Gastroenterology 1990 Sep;99(3):891–3
Increased amino acid clearance and urea synthesis in a patient with glucagonoma. Almdal TP, et al. **Gut** 1990 Aug; 31(8):946–8
Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. van Klaveren RJ, et al. **Gut** 1990 Aug;31(8):953–5
Epithelial markers in pancreatic carcinoma: immunoperoxidase localisation of DD9, CEA, EMA and CAM 5.2. Heyderman E, et al. **J Clin Pathol** 1990 Jun; 43(6):448–52
Pseudoinsulinoma—the Diamox-Diabinese switch [letter] Hooper PL, et al. **N Engl J Med** 1990 Aug 16;323(7):488
Biopsy of the pancreas with a biopsy gun [see comments] Elvin A, et al. **Radiology** 1990 Sep;176(3):677–9. Comment in: Radiology 1990 Sep;176(3):615–6.
Selective arterial stimulation of secretin in localization of gastrinomas. Rosato FE, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):196–200

PANCREATIC POLYPEPTIDE

Characterization of the receptors for peptide-YY and avian pancreatic polypeptide in chicken and pig brains. Inui A, et al. **Endocrinology** 1990 Aug;127(2):934–41

PANCREATIN

Two enteric coated microspheres in cystic fibrosis. Williams J, et al. **Arch Dis Child** 1990 Jun;65(6):594–7

PANCREATITIS

Pancreatitis after endoscopic retrograde cholangiopancreatography. An underreported disease whose severity is often unappreciated. Stanten R, et al. **Arch Surg** 1990 Aug;125(8):1032–4; discussion 1035
Dynamic contrast enhanced computed tomography: a precise technique for identifying and localising pancreatic necrosis. Larvin M, et al. **BMJ** 1990 Jun 2;300(6737):1425–8
Iatrogenic pancreatitis [letter] Banerjee AK. **Br J Surg** 1990 Jul;77(7):834
Serum enzymes and other laboratory tests in acute pancreatitis [letter] Neoptolemos JP, et al. **Br J Surg** 1990 Jun;77(6):715–6
Gallbladder cholesterolosis: an aetiological factor in acute pancreatitis of uncertain origin. Parrilla Paricio P, et al. **Br J Surg** 1990 Jul;77(7):735–6
Purtscher's retinopathy in acute pancreatitis. Wells AD, et al. **Br J Surg** 1990 Jul;77(7):820
Changing patterns of incidence and mortality from acute pancreatitis in Scotland, 1961–1985. Wilson C, et al. **Br J Surg** 1990 Jul;77(7):731–4
Camostate (FOY-305) improves the therapeutic effect of peritoneal lavage on taurocholate induced pancreatitis. Leonhardt U, et al. **Gut** 1990 Aug;31(8):934–7
Pathogenesis of chronic pancreatitis. Sarles H, et al. **Gut** 1990 Jun;31(6):629–32 (72 ref.)

PANCREATOPEPTIDASE

Sulfated polysaccharides prevent human leukocyte elastase-induced acute lung injury and emphysema in hamsters. Rao NV, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):407–12
Reversible lung neutrophil accumulation can cause lung injury by elastase-mediated mechanisms. Anderson BO, et al. **Surgery** 1990 Aug;108(2):262–7; discussion 267–8

PANCURONIUM

Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Besser R, et al. **Neurology** 1990 Aug;40(8):1275–7

PANNICULITIS

Lobular panniculitis associated with ciprofloxacin. Rodríguez E, et al. **BMJ** 1990 Jun 2;300(6737):1468

PAPAVERINE

Diagnostic and therapeutic technology assessment. Vasoactive intracavernous pharmacotherapy for impotence: papaverine and phentolamine. **JAMA** 1990 Aug 8;264(6):752–4
Treatment alternatives for impotence. Whitehead ED, et al. **Postgrad Med** 1990 Aug;88(2):139–49, 152 (61 ref.)

PAPILLARY MUSCLES

Transesophageal echocardiographic diagnosis of papillary muscle rupture complicating acute myocardial infarction. Stoddard MF, et al. **Am Heart J** 1990 Sep;120(3):690–2

PAPILLOMAVIRUSES

Human papillomaviruses in anogenital warts in children: typing by in situ hybridisation. Padel AF, et al. **BMJ** 1990 Jun 9;300(6738):1491–4
Production and characterisation of a monoclonal antibody to human papillomavirus type 16 using recombinant vaccinia virus. McLean CS, et al. **J Clin Pathol** 1990 Jun; 43(6):488–92
Human papillomavirus DNA in invasive carcinoma of the vagina. Ikenberg H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):432–8
Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Van Sickle M, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):540–2

PAPPATACI FEVER

Incidence of sand fly fever among Swedish United Nations soldiers on Cyprus during 1985. Eitrem R, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):207–11

PARABIOSIS

Influence of nephrectomy on the growth of a murine Wilms tumor: a study using parabiotic rats. Trindade JC, et al. **J Urol** 1990 Aug;144(2 Pt 2):418–21; discussion 422

PARACOCCIDIOIDOMYCOSIS

Antibody response to the 43 kDa glycoprotein of Paracoccidioides brasiliensis as a marker for the evaluation of patients under treatment. Giannini MJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):200–6

PARAGANGLIOMA

Paraganglioma of the spermatic cord. Report of a case with immunohistochemical and ultrastructural studies. Bacchi CE, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):899–901
Giant gangliocytic paraganglioma of the filum terminale. Case report. Djindjian M, et al. **J Neurosurg** 1990 Sep; 73(3):459–61
Paraganglioma of the cauda equina. Report of three cases. Pigott TJ, et al. **J Neurosurg** 1990 Sep;73(3):455–8

PARAGANGLIOMA, NONCHROMAFFIN

Imaging jugulotympanic glomus tumors. Phelps PD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):940–5
Malignant jugulotympanic paraganglioma. Johnstone PA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):976–9

PARA-INFLUENZA

Aerosol vaccination with a sendai virus temperature-sensitive mutant (HVJ-pB) derived from persistently infected cells. Iwata H, et al. **J Infect Dis** 1990 Aug;162(2):402–7

PARA-INFLUENZA VIRUS TYPE 1

Aerosol vaccination with a sendai virus temperature-sensitive mutant (HVJ-pB) derived from persistently infected cells. Iwata H, et al. **J Infect Dis** 1990 Aug;162(2):402–7

PARA-INFLUENZA VIRUSES

Human parainfluenza virus induces a type-specific protective immune response. Ray R, et al. **J Infect Dis** 1990 Sep; 162(3):746–9

PARALYSIS

Paralysis after long-term administration of vecuronium [letter] **Anesthesiology** 1990 Aug;73(2):364–6

PARALYSIS, BULBAR

Paralytic shellfish poisoning: a case report and serial electrophysiologic observations. Long RR, et al. **Neurology** 1990 Aug;40(8):1310–2

PARAMYXOVIRUS INFECTIONS

Plasma elevations of histamine and a prostaglandin metabolite in acute bronchiolitis. Skoner DP, et al. **Am Rev Respir Dis** 1990 Aug;142(2):359–64
Serologic evidence of respiratory syncytial virus infection in nursing home patients. Falsey AR, et al. **J Infect Dis** 1990 Aug;162(2):568–9
Respiratory syncytial virus infection in human immunodeficiency virus-infected children. Chandwani S, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):251–4
High-dose, short-duration ribavirin aerosol therapy in children with suspected respiratory syncytial virus infection. Englund JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):313–20

PARANASAL SINUS DISEASES

Aneurysmal bone cyst of the maxillary sinus. Hady MR, et al. **J Laryngol Otol** 1990 Jun;104(6):501–3
CT of the paranasal sinuses: study of a control series in relation to endoscopic sinus surgery. Lloyd GA. **J Laryngol Otol** 1990 Jun;104(6):477–81
Hypointense paranasal sinus foci: differential diagnosis with MR imaging and relation to CT findings. Som PM, et al. **Radiology** 1990 Sep;176(3):777–81

PARANASAL SINUS NEOPLASMS

Extra-skeletal Ewing's sarcoma of the nasal fossa. Lane S, et al. **J Laryngol Otol** 1990 Jul;104(7):570–3
Symptoms in patients with maxillary sinus carcinoma. Miyaguchi M, et al. **J Laryngol Otol** 1990 Jul;104(7):557–9
Osteoma of the maxillary sinus. Varboncoeur AP, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):882–3
Hemangioma and malignant hemangioendothelioma of the maxillary sinus: case reports and clinical consideration. Yasuoka T, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):877–81 (16 ref.)

PARANASAL SINUSES

CT of the paranasal sinuses: study of a control series in relation to endoscopic sinus surgery. Lloyd GA. **J Laryngol Otol** 1990 Jun;104(6):477–81

PARAPARESIS, TROPICAL SPASTIC

Non-spastic paraparesis associated with HTLV-I [letter] Kazadi K, et al. **Lancet** 1990 Jul 28;336(8709):260
Excessive muscular fatigue in patients with spastic paraparesis. Miller RG, et al. **Neurology** 1990 Aug; 40(8):1271–4

PARAPHILIAS

Fluoxetine treatment of exhibitionism [letter] Bianchi MD. **Am J Psychiatry** 1990 Aug;147(8):1089–90

PARAPLEGIA

Paraplegia associated with the use of oxidized cellulose in posterolateral thoracotomy incisions [see comments] Short HD. **Ann Thorac Surg** 1990 Aug;50(2):288–9; discussion 290. Comment in: Ann Thorac Surg 1990 Aug;50(2):178.
Paraplegia associated with thoracotomy [editorial; comment] Walker WE. **Ann Thorac Surg** 1990 Aug;50(2):178. Comment on: Ann Thorac Surg 1990 Aug;50(2):288–9; discussion 290.
Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Hirokawa S, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):687–94
Spinal tuberculosis: beware the posterior elements. Travlos J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):722–3
Non-spastic paraparesis associated with HTLV-I [letter] Kazadi K, et al. **Lancet** 1990 Jul 28;336(8709):260

PARAPROTEINEMIAS

Bone marrow biopsy in monoclonal gammopathies: correlations between pathological findings and clinical data. The Cooperative Group for Study and Treatment of Multiple Myeloma. Riccardi A, et al. **J Clin Pathol** 1990 Jun;43(6):469–75

PARAQUAT

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity. Niwa Y, et al. **Blood** 1990 Aug 15;76(4):835–41

PARASYMPATHETIC NERVOUS SYSTEM

Dysfunctional penile cholinergic nerves in diabetic impotent men. Blanco R, et al. **J Urol** 1990 Aug;144(2 Pt 1):278–80

PARASYMPATHOLYTICS

The treatment of detrusor instability in post-menopausal women with oxybutynin chloride: a double blind placebo controlled study. Tapp AJ, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):521–6
Anti-motility drugs for infants [letter] **Lancet** 1990 Aug 4; 336(8710):314
Perforation of colon in distal intestinal syndrome of cystic fibrosis [letter] Whitehead AM. **Lancet** 1990 Aug 18; 336(8712):446

PARATHION

Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Besser R, et al. **Neurology** 1990 Aug;40(8):1275–7

PARATHYROID GLANDS

A comparison of the effects of divalent and trivalent cations on parathyroid hormone release, 3',5'-cyclic-adenosine monophosphate accumulation, and the levels of inositol phosphates in bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1990 Sep;127(3):1064–71
Autocrine regulation of parathyroid secretion: inhibition of secretion by chromogranin-A (secretory protein-I) and potentiation of secretion by chromogranin-A and pancreastatin antibodies. Fasciotto BH, et al. **Endocrinology** 1990 Sep;127(3):1329–35
Differences in the actions of calcium versus lanthanum to influence parathyroid hormone release. Fitzpatrick LA.

Endocrinology 1990 Aug;127(2):711–5

PARATHYROID HORMONES

Treatment of a pancreatic tumour secreting parathyroid hormone related protein [letter] Dodwell D, et al. **BMJ** 1990 Jun 23;300(6740):1653
A comparison of the effects of divalent and trivalent cations on parathyroid hormone release, 3',5'-cyclic-adenosine monophosphate accumulation, and the levels of inositol phosphates in bovine parathyroid cells. Brown EM, et al. **Endocrinology** 1990 Sep;127(3):1064–71
Differences in the actions of calcium versus lanthanum to influence parathyroid hormone release. Fitzpatrick LA. **Endocrinology** 1990 Aug;127(2):711–5
Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310–8
Abnormal parathyroid hormone-related peptide stimulation of renal 25-hydroxyvitamin D-1-hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Nesbitt T, et al. **Endocrinology** 1990 Aug;127(2):843–8
Parathyroid hormone down-regulates 1,25-dihydroxyvitamin D receptors (VDR) and VDR messenger ribonucleic acid in vitro and blocks homologous up-regulation of VDR in vivo. Reinhardt TA, et al. **Endocrinology** 1990 Aug;127(2):942–8
Genetic abnormalities in sporadic parathyroid adenomas. Friedman E, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):293–7
Rate and concentration dependence of parathyroid hormone dynamics during stepwise changes in serum ionized calcium in normal humans. Grant FD, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):370–8
Acute metabolic acidosis enhances circulating parathyroid hormone, which contributes to the renal response against acidosis in the rat. Bichara M, et al. **J Clin Invest** 1990 Aug;86(2):430–43

PARATHYROID NEOPLASMS

Unilateral neck exploration for primary hyperparathyroidism. Lucas RJ, et al. **Arch Surg** 1990 Aug;125(8):982–4; discussion 984–5
Genetic abnormalities in sporadic parathyroid adenomas. Friedman E, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):293–7

PARENT-CHILD RELATIONS

Borderline patients' view of their parents [letter] Wise TN, et al. **Am J Psychiatry** 1990 Aug;147(8):1104–5
The feeding relationship: problems and interventions. Satter E. **J Pediatr** 1990 Aug;117(2 Pt 2):S181–9 (45 ref.)

PARENTERAL FEEDING

A clinical trial of two parenteral nutrition solutions in neonates. McIntosh N, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):692–9
Clinical nutrition support. Payne-James J, et al. **BMJ** 1990 Jul 7;301(6742):1–2 (28 ref.)
Effect of intravenous nutrition on nutrition and function in acute attacks of inflammatory bowel disease. Christie PM, et al. **Gastroenterology** 1990 Sep;99(3):730–6

PARENTERAL HYPERALIMENTATION

Single-lumen vs double-lumen catheters for total parenteral nutrition. A randomized, prospective trial. Johnson BH, et al. **Arch Surg** 1990 Aug;125(8):990–2
Metabolic effects of recombinant human growth hormone: isotopic studies in the postabsorptive state and during total parenteral nutrition. Douglas RG, et al. **Br J Surg** 1990 Jul;77(7):785–90
Parenteral nutrition in propionic acidemia and methylmalonic acidemia [letter] Walter JH, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):338–9
Food without fiber promotes bacterial translocation from the gut. Spaeth G, et al. **Surgery** 1990 Aug;108(2):240–6; discussion 246–7

PARENTS

Borderline patients' view of their parents [letter] Wise TN, et al. **Am J Psychiatry** 1990 Aug;147(8):1104–5
Sociodemographic and motivational characteristics of parents who volunteer their children for clinical research: a controlled study. Harth SC, et al. **BMJ** 1990 May 26; 300(6736):1372–5

PARESTHESIA

Astemizole-induced paresthesia [letter] Kaufman HS, et al. **N Engl J Med** 1990 Sep 6;323(10):684

PARIETAL BONE

Total cranial vault reconstruction for parietal encephalocele. Berman DE, et al. **Plast Reconstr Surg** 1990 Sep;86(3):554–7

PARIETAL CELLS, GASTRIC

Inhibition of parietal cell H+ secretion by transforming growth factor alpha: a possible autocrine regulatory mechanism. Lewis JJ, et al. **Surgery** 1990 Aug;108(2):220–6; discussion 226–7

PARITY

Definition of primiparas [letter] Gates HS Jr. **Am J Obstet Gynecol** 1990 Aug;163(2):677

PARKINSON DISEASE

Parkinsonism-dystonia syndrome and ECT [letter] Lauterbach EC, et al. **Am J Psychiatry** 1990 Sep; 147(9):1249–50
Positron emission tomographic scanning demonstrates a presynaptic dopaminergic lesion in Lytico-Bodig. The amyotrophic lateral sclerosis-parkinsonism-dementia complex of Guam. Snow BJ, et al. **Arch Neurol** 1990 Aug; 47(8):870–4
NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. Kordower JH, et al. **J Neurosurg** 1990 Sep;73(3):418–28
Autologous cervical ganglion transplantation in parkinsonian monkeys [letter] Pallini R, et al. **J Neurosurg** 1990 Sep; 73(3):474–5
Many researchers, few clinicians, using drug that may slow, even prevent, Parkinson's [news] Cotton P. **JAMA** 1990 Sep 5;264(9):1083–4
Ropinirole without levodopa in Parkinson's disease [letter] Vidailhet MJ, et al. **Lancet** 1990 Aug 4;336(8710):316–7
Clinical features predicting dementia in idiopathic Parkinson's disease: a follow-up study. Ebmeier KP, et al. **Neurology** 1990 Aug;40(8):1222–4
Environmental risk factors in Parkinson's disease. Koller W, et al. **Neurology** 1990 Aug;40(8):1218–21

PARKINSON DISEASE, SYMPTOMATIC

Apomorphine test in parkinsonian syndromes [letter] Rascol O, et al. **Lancet** 1990 Aug 25;336(8713):518

PAROTID DISEASES

Surgery of the parotid region: a new approach. Ferreria JL, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):803–7

PAROTID NEOPLASMS

Salivary duct adenocarcinoma [letter] Lopez II, et al. **J Clin Pathol** 1990 Jul;43(7):608
Surgery of the parotid region: a new approach. Ferreria JL, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):803–7

PARTICLE ACCELERATORS

The variation of wedge factors with field size on a linear accelerator. Thomas SJ. **Br J Radiol** 1990 May; 63(749):355–6

PARVOVIRUS INFECTIONS

Parvovirus B19 infection in the fetus [letter] Knisely AS. **Lancet** 1990 Aug 18;336(8712):443

PASTEURELLA INFECTIONS

A bizarre postoperative wound infection. Shewring DJ, et al. **BMJ** 1990 Jun 16;300(6739):1557

PASTORAL CARE

Pastoral care. Otto RA. **J Nurs Adm** 1990 Jul-Aug;20(7–8):17

PATELLA

Tuberculosis of the patella. Shah P, et al. **Br J Radiol** 1990 May;63(749):363–4
Infection of the infrapatellar bursa. A report of two cases. Waters P, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):1095–6

PATERNITY

The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):284–6

PATHOLOGY, CLINICAL

Models for clinical pathology training [letter] Oxley DK. **Arch Pathol Lab Med** 1990 Aug;114(8):821
Practice parameters. An opportunity for pathologists to take a leadership role in patient care [editorial] Speicher CE. **Arch Pathol Lab Med** 1990 Aug;114(8):823–4

PATIENT ACCEPTANCE OF HEALTH CARE

HIV seroprevalence and the acceptance of voluntary HIV testing among newly incarcerated male prison inmates in Wisconsin. Hoxie NJ, et al. **Am J Public Health** 1990 Sep; 80(9):1129–31
Immunisation state and its documentation in hospital patients. Ferson MJ. **Arch Dis Child** 1990 Jul;65(7):763–7
Effectiveness and hazards of case finding for a high cholesterol concentration. Kinlay S, et al. **BMJ** 1990 Jun 16;300(6739):1545–7
Health checks for adults [letter] Levine J, et al. **BMJ** 1990 Jul 7;301(6742):43
A study of patients attending without appointments in an urban general practice. Virji A. **BMJ** 1990 Jul 7; 301(6742):22–6
Partner acceptance of health department notification of HIV exposure, South Carolina. Jones JL, et al. **JAMA** 1990 Sep 12;264(10):1284–6

PATIENT ADMISSION

Benefits of early admission to a comprehensive trauma center for patients with spinal cord injury. Oakes DD, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):637–43

PATIENT ADVOCACY

Bioethicists' statement on the U.S. Supreme Court's Cruzan decision. Annas GJ, et al. **N Engl J Med** 1990 Sep 6; 323(10):686–7
Court-ordered cesarean sections receive judicial defeat. Curran WJ. **N Engl J Med** 1990 Aug 16;323(7):489–92
Due process. Packer M. **West J Med** 1990 Jul;153(1):91–2

PATIENT CARE PLANNING

Innovations in clinical practice through hospital-funded grants. Franklin PD, et al. **Acad Med** 1990 Jun;65(6):355–60
Practice parameters. An opportunity for pathologists to take a leadership role in patient care [editorial] Speicher CE. **Arch Pathol Lab Med** 1990 Aug;114(8):823–4
Length of stay in the intensive care unit. Effects of practice guidelines and feedback. Eagle KA, et al. **JAMA** 1990 Aug 22–29;264(8):992–7

PATIENT CARE TEAM

Teaching the multidisciplinary team approach in a geriatrics miniresidency. Jackson JE, et al. **Acad Med** 1990 Jun; 65(6):417–9
Pilot study of records of shared care for people with mental illnesses. Essex B, et al. **BMJ** 1990 Jun 2;300(6737):1442–6
The hospital trauma team: a model for trauma management. Deane SA, et al. **J Trauma** 1990 Jul;30(7):806–12

PATIENT COMPLIANCE

Compliance with zidovudine therapy [letter] Reichman LB. **Ann Intern Med** 1990 Aug 15;113(4):332–3
Surreptitious noncompliance with oral fluphenazine in a voluntary inpatient population [letter] Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):786–7
A randomized trial to improve self-management practices of adults with asthma. Bailey WC, et al. **Arch Intern Med** 1990 Aug;150(8):1664–8
Testing for isoniazid. An evaluation of the Arkansas method. Schraufnagel DE, et al. **Chest** 1990 Aug;98(2):314–6
The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):284–6
Treatment adherence and risk of death after a myocardial infarction. Horwitz RI, et al. **Lancet** 1990 Sep 1; 336(8714):542–5

PATIENT DISCHARGE

Questions asked by patients and their support groups during family conferences on inpatient rehabilitation units. Glennon TP, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):699–702
Hospital-based pneumococcal immunization. Epidemiologic rationale from the Shenandoah study [see comments] Fedson DS, et al. **JAMA** 1990 Sep 5;264(9):1117–22. Comment in: JAMA 1990 Sep 5;264(9):1154–5.
American Academy of Pediatrics Committee on Accident and Poison Prevention: Safe transportation of newborns discharged from the hospital. **Pediatrics** 1990 Sep; 86(3):486–7

PATIENT EDUCATION

Questions asked by patients and their support groups during family conferences on inpatient rehabilitation units. Glennon TP, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):699–702
The physician as a patient educator. From theory to practice. McCann DP, et al. **West J Med** 1990 Jul;153(1):44–9 (59 ref.)

PATIENT IDENTIFICATION SYSTEMS

DNR bracelets? [letter] Swersky J, et al. **N Engl J Med** 1990 Sep 6;323(10):685–6

PATIENT ISOLATION

Legal questions remain in AIDS segregation cases. Hudson T. **Hospitals** 1990 Aug 20;64(16):59–60

PATIENT PARTICIPATION

Impact of medical hospitalization on treatment decision-making capacity in the elderly. Fitten LJ, et al. **Arch Intern Med** 1990 Aug;150(8):1717–21

PATIENT TRANSFER

Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Weingarten S, et al. **Ann Intern Med** 1990 Aug 15;113(4):283–9

Prospective analysis of rural interhospital transfer of injured patients to a referral trauma center. Martin GD, et al. **J Trauma** 1990 Aug;30(8):1014–9; discussion 1019–20

PATIENTS

The nature of patients' requests for physicians' help. Eisenthal S, et al. **Acad Med** 1990 Jun;65(6):401–5

PEANUTS

Anaphylaxis induced by peanuts. Assem ES, et al. **BMJ** 1990 May 26;300(6736):1377–8

Vegetableburger allergy: all was nut as it appeared. Donovan KL, et al. **BMJ** 1990 May 26;300(6736):1378

Allergy to peanuts [editorial] Smith T. **BMJ** 1990 May 26; 300(6736):1354

PEDIATRICS

Radiation exposure of pediatrics residents. Adler R, et al. **Acad Med** 1990 Jun;65(6):419–20

Life after residency. Setting priorities in pediatric professional life. Boyce WT. **Am J Dis Child** 1990 Aug;144(8):858–60

Academic missions of division chiefs in pediatric departments. IV. The division chief as a developer of research programs in a pediatric division. Chesney RW. **Am J Dis Child** 1990 Aug;144(8):895–7

Academic missions of division chiefs in pediatric departments. I. The division chief as an administrator. Fiser RH Jr. **Am J Dis Child** 1990 Aug;144(8):889–90

Academic missions of division chiefs in pediatric departments. III. The division chief as a director of fellowship training. Stapleton FB. **Am J Dis Child** 1990 Aug;144(8):893–5

Postgraduate training in Europe for the next decade. Organizing Committee for the Workshop on Postgraduate Pediatric Training in Europe—Padua 1989. **Arch Dis Child** 1990 Jun;65(6):644–5

Report from the British Paediatric Surveillance Unit. Hall SM, et al. **Arch Dis Child** 1990 Jul;65(7):807–9

Craniosynostosis and the paediatrician [editorial] Hayward R. **Arch Dis Child** 1990 Jun;65(6):568

Markers of serious illness in infants under 6 months old presenting to a children's hospital. Hewson PH, et al. **Arch Dis Child** 1990 Jul;65(7):750–6

Paediatrician to a special school. Lewis S. **Arch Dis Child** 1990 Jul;65(7):803–6

Michael Parkin—an international paediatrician. Waterston AJ, et al. **Arch Dis Child** 1990 Jul;65(7):802

Perioperative deaths among children [editorial] Gough MH. **BMJ** 1990 Jun 23;300(6740):1606

Regulation of working hours for residents [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):346–7

Adolescent pregnancy: can we solve the problem? [editorial; comment] Repke JT. **Mayo Clin Proc** 1990 Aug; 65(8):1152–4. Comment on: Mayo Clin Proc 1990 Aug;65(8):1061–6.

A proposal for obstetric and pediatric management of adolescent pregnancy [see comments] Van Winter JT, et al. **Mayo Clin Proc** 1990 Aug;65(8):1061–6. Comment in: Mayo Clin Proc 1990 Aug;65(8):1152–4.

Life beyond pediatrics. Transition of chronically ill adolescents from pediatric to adult health care systems. Schidlow DV, et al. **Med Clin North Am** 1990 Sep; 74(5):1113–20 (13 ref.)

Pediatrician's role in preventing child maltreatment. Dubowitz H. **Pediatr Clin North Am** 1990 Aug; 37(4):989–1002 (52 ref.)

Future role of the pediatrician in child abuse and neglect. Krugman RD. **Pediatr Clin North Am** 1990 Aug; 37(4):1003–11 (33 ref.)

The academic generalist: an endangered species revived. Haggerty RJ. **Pediatrics** 1990 Sep;86(3):413–20

A year in retrospect (pediatric training) [letter] Simon HK. **Pediatrics** 1990 Sep;86(3):488

Advanced pediatric joint imaging. Kleinman PK, et al. **Radiol Clin North Am** 1990 Sep;28(5):1073–109 (71 ref.)

PEDICULOSIS

Lest we become smug. Kassirer JP, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):33–5, 39, 47

PEER REVIEW

Peer review and services for elderly patients. Denham MJ, et al. **BMJ** 1990 Jun 23;300(6740):1635–6

Peer review—the arts and sciences [editorial] Fisher DW. **Hosp Pract [Off]** 1990 Aug 15;25(8):13

PEFLOXACIN

Toxic reaction following treatment of typhoid fever with pefloxacin [letter] Caumes E, et al. **Lancet** 1990 Jul 28; 336(8709):252

PELVIC BONES

External fixation of the injured pelvis. The functional outcome. Majeed SA. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):612–4

External iliac artery and lumbosacral plexus injury secondary to an open book fracture of the pelvis: report of a case. Birchard JD, et al. **J Trauma** 1990 Jul;30(7):906–8

Pelvic ring disruptions: effective classification system and treatment protocols. Burgess AR, et al. **J Trauma** 1990 Jul; 30(7):848–56

Impotence following delayed repair of prostatomembranous urethral disruption. Dhabuwala CB, et al. **J Urol** 1990 Sep; 144(3):677–8

PELVIC NEOPLASMS

Superior hypogastric plexus block for pelvic cancer pain. Plancarte R, et al. **Anesthesiology** 1990 Aug;73(2):236–9

PELVIMETRY

A comparison of the ability of a sonographically measured biparietal diameter and the last menstrual period to predict the spontaneous onset of labor. Waldenström U, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):336–8

PELVIS

Supraumbilical upper abdominal midline incision for pelvic surgery in the morbidly obese patient. Greer BE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):471–3

PENICILLAMINE

Assessing combination therapy in rheumatoid arthritis: treatment with sulphasalazine and penicillamine. Scott DL, et al. **Br J Rheumatol** 1990 Aug;29(4):313–4

PENICILLIN G

Limulus lysate positivity and Herxheimer-like reactions in leptospirosis: a placebo-controlled study. Watt G, et al. **J Infect Dis** 1990 Aug;162(2):564–7

PENICILLIN RESISTANCE

Characterization of a widespread strain of methicillin-susceptible Staphylococcus aureus associated with nosocomial infections. McMurray LW, et al. **J Infect Dis** 1990 Sep;162(3):759–62

PENILE DISEASES

Tuberculous cold abscess of the corpus cavernosum: a case report. Yachia D, et al. **J Urol** 1990 Aug;144(2 Pt 1):351–2

PENILE ERECTION

The effect of venous incompetence and arterial insufficiency on erectile function: an animal model. Aboseif SR, et al. **J Urol** 1990 Sep;144(3):790–3

Dysfunctional penile cholinergic nerves in diabetic impotent men. Blanco R, et al. **J Urol** 1990 Aug;144(2 Pt 1):278–80

Hemodynamics of pelvic nerve induced erection in a canine model. I. Pressure and flow. Vardi Y, et al. **J Urol** 1990 Sep;144(3):794–7

Impotence after prostatectomy. Lue TF. **Urol Clin North Am** 1990 Aug;17(3):613–20 (31 ref.)

PENILE INDURATION

Corporeal plication for surgical correction of Peyronie's disease. Mufti GR, et al. **J Urol** 1990 Aug;144(2 Pt 1):281–2; discussion 283

PENILE PROSTHESIS

Penile advancement and lengthening in spinal cord injury patients with retracted phallus who have failed penile prosthesis placement alone. Kabalin JN, et al. **J Urol** 1990 Aug;144(2 Pt 1):316–8

Corporeal perforation or undersized prosthesis? The role of corpus cavernosum endoscopy. Weese DL, et al. **J Urol** 1990 Sep;144(3):714–5; discussion 715–6

Treatment alternatives for impotence. Whitehead ED, et al. **Postgrad Med** 1990 Aug;88(2):139–49, 152 (61 ref.)

PENIS

The effect of venous incompetence and arterial insufficiency on erectile function: an animal model. Aboseif SR, et al. **J Urol** 1990 Sep;144(3):790–3

Dysfunctional penile cholinergic nerves in diabetic impotent men. Blanco R, et al. **J Urol** 1990 Aug;144(2 Pt 1):278–80

Urethrectomy with preservation of potency. Brendler CB, et al. **J Urol** 1990 Aug;144(2 Pt 1):270–3

Penile advancement and lengthening in spinal cord injury patients with retracted phallus who have failed penile prosthesis placement alone. Kabalin JN, et al. **J Urol** 1990 Aug;144(2 Pt 1):316–8

Corporeal plication for surgical correction of Peyronie's disease. Mufti GR, et al. **J Urol** 1990 Aug;144(2 Pt 1):281–2; discussion 283

Penile vein ligation for corporeal incompetence: an evaluation of short-term and long-term results. Rossman B, et al. **J Urol** 1990 Sep;144(3):679–82

Effects of a sclerosant, ethanolamine, on the venous drainage system of the dog penis. Tiong JT, et al. **J Urol** 1990 Aug; 144(2 Pt 1):381–4

Hemodynamics of pelvic nerve induced erection in a canine model. I. Pressure and flow. Vardi Y, et al. **J Urol** 1990 Sep;144(3):794–7

Corporeal perforation or undersized prosthesis? The role of corpus cavernosum endoscopy. Weese DL, et al. **J Urol** 1990 Sep;144(3):714–5; discussion 715–6

Fracture of the penis. Lehman E, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):148–50

PENTAMIDINE

Pneumocystis carinii choroiditis after long-term aerosolized pentamidine therapy. Dugel PU, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):113–7

Intravenous or inhaled pentamidine for treating Pneumocystis carinii pneumonia in AIDS. A randomized trial. Conte JE Jr, et al. **Ann Intern Med** 1990 Aug 1;113(3):203–9

Inhaled or intravenous pentamidine therapy for Pneumocystis carinii pneumonia in AIDS. A randomized trial. Soo Hoo GW, et al. **Ann Intern Med** 1990 Aug 1;113(3):195–202

Occupational exposure to aerosolized pentamidine. Montgomery AB, et al. **Chest** 1990 Aug;98(2):386–8

Disseminated Pneumocystis carinii in a patient receiving aerosolized pentamidine prophylaxis. Berman SM, et al. **West J Med** 1990 Jul;153(1):82–6 (41 ref.)

PENTOBARBITAL

Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Doze VA, et al. **Anesthesiology** 1990 Aug; 73(2):304–7

PEPSINOGEN

Effect of long-term treatment with omeprazole on serum gastrin and serum group A and C pepsinogens in patients with reflux esophagitis. Jansen JB, et al. **Gastroenterology** 1990 Sep;99(3):621–8

PEPTIC ULCER

Bismuth therapy in gastrointestinal diseases. Gorbach SL. **Gastroenterology** 1990 Sep;99(3):863–75 (138 ref.)

Helicobacter pylori and gastritis in patients with peptic ulcer and non-ulcer dyspepsia: ethnic differences in Singapore. Kang JY, et al. **Gut** 1990 Aug;31(8):850–3

Relation between severity and extent of precancerous lesions in the postoperative stomach. Savalgi RS, et al. **Lancet** 1990 Aug 18;336(8712):413–6

PEPTIC ULCER HEMORRHAGE

Late outcome of undersewing alone for gastric ulcer haemorrhage. Teenan RP, et al. **Br J Surg** 1990 Jul; 77(7):811–2

Thrombolytic therapy in suspected myocardial infarction [letter] Base W, et al. **Lancet** 1990 Aug 4;336(8710):311

PEPTIDE FRAGMENTS

Cellular immune responses of patients with uveitis to retinal antigens and their fragments. de Smet MD, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):135–42

Association of osteoarthritis with homozygosity for a 5.8 kb Taq I fragment of the alpha 1-antichymotrypsin gene. Sakkas LI, et al. **Br J Rheumatol** 1990 Aug;29(4):245–8

Distribution of beta-human chorionic gonadotropin-positive cells in noncancerous gastric mucosa and in malignant gastric tumors. Yakeishi Y, et al. **Cancer** 1990 Aug 15; 66(4):695–701

Antisera to a synthetic peptide recognize native and denatured rat estrogen receptors. Furlow JD, et al. **Endocrinology** 1990 Sep;127(3):1028–32

Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Henderson J, et al. **Endocrinology** 1990 Sep;127(3):1310–8

Monoclonal and polyclonal antibodies to human progesterone receptor peptide-(533–547) recognize a specific site in unactivated (8S) and activated (4S) progesterone receptor and distinguish between intact and proteolyzed receptors. Traish AM, et al. **Endocrinology** 1990 Sep;127(3):1167–75

Perinatal growth hormone (GH) physiology: effect of GH-releasing factor on maternal and fetal secretion of pituitary and placental GH. de Zegher F, et al.

J Clin Endocrinol Metab 1990 Aug;71(2):520-2
Dose-effect study of intranasal administration of growth hormone-releasing hormone-44-NH2 in healthy subjects. Khalfallah Y, et al. J Clin Endocrinol Metab 1990 Aug; 71(2):512-5

PEPTIDE HYDROLASES

Thrombin-antithrombin III complex levels in normal pregnancy with hypertensive disorders and after delivery. Reinthaller A, et al. Br J Obstet Gynaecol 1990 Jun; 97(6):506-10
Monoclonal and polyclonal antibodies to human progesterone receptor peptide-(533-547) recognize a specific site in unactivated (8S) and activated (4S) progesterone receptor and distinguish between intact and proteolyzed receptors. Traish AM, et al. Endocrinology 1990 Sep;127(3):1167-75
The T cell receptor-associated protein is proteolytically cleaved in a pre-Golgi compartment. Antusch D, et al. J Immunol 1990 Aug 1;145(3):885-90

PEPTIDE PEPTIDOHYDROLASES

Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS-1 cells. Tran-Paterson R, et al. Blood 1990 Aug 15; 76(4):775-82

PEPTIDES

Inhibition of insulin and somatostatin secretion and stimulation of glucagon release by homologous galanin in perfused rat pancreas. Miralles P, et al. Diabetes 1990 Aug; 39(8):996-1001
Effects of endothelin-1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Cozza EN, et al. Endocrinology 1990 Aug;127(2):549-54
The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Krummen LA, et al. Endocrinology 1990 Sep;127(3):1097-104
Mapping of an assembled epitope of human follicle-stimulating hormone-beta utilizing monoclonal antibodies, synthetic peptides, and hormone-receptor inhibition. Vakharia DD, et al. Endocrinology 1990 Aug; 127(2):658-66
Topographic analysis of the alpha-subunit of human follicle-stimulating hormone using site-specific antipeptide antisera. Weiner RS, et al. Endocrinology 1990 Aug; 127(2):573-9
Visceral protein levels in trauma patients are greater with peptide diet than with intact protein diet. Meredith JW, et al. J Trauma 1990 Jul;30(7):825-8; discussion 828-9
Simultaneous measurement of CA 125, CA 19-9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Kamiya N, et al. Obstet Gynecol 1990 Sep;76(3 Pt 1):417-21
Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Evers BM, et al. Surgery 1990 Aug;108(2):248-52; discussion 252-3
Enhanced production of endothelium-derived contracting factor by endothelial cells subjected to pulsatile stretch. Sumpio BE, et al. Surgery 1990 Aug;108(2):277-81; discussion 281-2

PERCEPTION

Perception of teratogenic risk by pregnant women exposed to diagnostic radiation during pregnancy [letter] Mastroiacovo P, et al. Am J Obstet Gynecol 1990 Aug; 163(2):695

PERCEPTUAL DISTORTION

Child sexual abuse sequelae and body-image surgery. Morgan E, et al. Plast Reconstr Surg 1990 Sep;86(3):475-8; discussion 479-80

PERFUSION, REGIONAL

Hyperthermic isolated perfusion with melphalan in the treatment of advanced malignant melanoma of the lower limb. Skene AI, et al. Br J Surg 1990 Jul;77(7):765-7

PERIARTERITIS NODOSA

The American College of Rheumatology 1990 criteria for the classification of polyarteritis nodosa. Lightfoot RW Jr, et al. Arthritis Rheum 1990 Aug;33(8):1088-93
Polyarteritis nodosa presenting as bilateral sudden onset cochleo-vestibular failure in a young woman. Rowe-Jones JM, et al. J Laryngol Otol 1990 Jul;104(7):562-4 (14 ref.)

PERICARDIAL EFFUSION

Left ventricular pseudohypertrophy in pericardial effusion as a sign of cardiac tamponade. Di Segni E, et al. Am J Cardiol 1990 Aug 15;66(4):508-11
Postoperative drainage and pericardial effusion [letter] Bryan AJ, et al. Ann Thorac Surg 1990 Aug;50(2):330

PERICARDITIS

Pericardial tamponade and limited cutaneous systemic sclerosis (CREST syndrome). Sattar MA, et al. Br J Rheumatol 1990 Aug;29(4):306-7
Antiphospholipid antibodies. A marker of lupus carditis? [comment] O'Rourke RA. Circulation 1990 Aug; 82(2):636-8. Comment on: Circulation 1990 Aug;82(2):369-75.

PERICARDITIS, CONSTRICTIVE

Pericardial constrictive tissue buffers cardiac transmural pressures [letter] Spodick DH. Am J Cardiol 1990 Aug 15;66(4):528

PERINEUM

Risk factors for third-degree and fourth-degree perineal lacerations in forceps and vacuum deliveries. Combs CA, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):100-4
Perineal, vulval and vaginoperineal reconstruction using the rectus abdominis myocutaneous flap. Skene AI, et al. Br J Surg 1990 Jun;77(6):635-7

PERIODICALS

Unsolicited medical journals. Horn HR. Am J Cardiol 1990 Aug 15;66(4):514-5
A comparison of manual and MEDLARS reviews of the literature on consultation-liaison psychiatry. Bareta JC, et al. Am J Psychiatry 1990 Aug;147(8):1040-2
Physician ethics in human research: the role of medical publications [editorial] Iserson KV. Ann Emerg Med 1990 Jul;19(7):828-30
The origin and growth of medical journals. Booth CC. Ann Intern Med 1990 Sep 1;113(5):398-402
Statistical analysis of repeated measures in psychiatric research [see comments] Ekstrom D, et al. Arch Gen Psychiatry 1990 Aug;47(8):770-2. Comment in: Arch Gen Psychiatry 1990 Aug;47(8):775-8.
Declining American representation in leading clinical research journals [letter] N Engl J Med 1990 Aug 30; 323(9):608-11

PERIODICITY

Gastric dysrhythmias and nausea of pregnancy. Koch KL, et al. Dig Dis Sci 1990 Aug;35(8):961-8
Photoperiodic control of adipocyte alpha 2-adrenoceptors in Syrian hamsters: role of testosterone. Saulnier-Blache JS, et al. Endocrinology 1990 Sep;127(3):1245-53
Circadian and seasonal variation in human preovulatory follicular fluid melatonin concentration. Rönnberg L, et al. J Clin Endocrinol Metab 1990 Aug;71(2):492-6

PERIPHERAL NERVE DISEASES

Painful onset of intrathecal blockade. Read MS, et al. Anaesthesia 1990 Jun;45(6):460-1
Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Feigert JM, et al. Ann Intern Med 1990 Sep 1;113(5):362-7
Vibrotactile threshold measurement for detecting neurotoxicity: reliability and determination of age- and height-standardized normative values. Gerr F, et al. Arch Environ Health 1990 May-Jun;45(3):148-54
Long-term follow-up of pyridoxine-induced acute sensory neuropathy-neuronopathy. Albin RL, et al. Neurology 1990 Aug;40(8):1319
Familial multiple symmetric lipomatosis with peripheral neuropathy. Chalk CH, et al. Neurology 1990 Aug; 40(8):1246-50
Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Kaku DA, et al. Neurology 1990 Aug;40(8):1317-8

PERIPHERAL NERVE NEOPLASMS

Microtubular aggregates within rough endoplasmic reticulum in myxopapillary ependymoma of the filum terminale. Ho KL. Arch Pathol Lab Med 1990 Sep;114(9):956-60
Giant gangliocytic paraganglioma of the filum terminale. Case report. Djindjian M, et al. J Neurosurg 1990 Sep; 73(3):459-61
Paraganglioma of the cauda equina. Report of three cases. Pigott TJ, et al. J Neurosurg 1990 Sep;73(3):455-8

PERIPHERAL NERVES

Nerve injury associated with anesthesia [see comments] Kroll DA, et al. Anesthesiology 1990 Aug;73(2):202-7. Comment in: Anesthesiology 1990 Aug;73(2):199-201.
Electrodiagnostic abnormalities in 113 consecutive patients with Guillain-Barré syndrome. Ropper AH, et al. Arch Neurol 1990 Aug;47(8):881-7

PERITONEAL DIALYSIS

Hypogammaglobulinemia in uremic infants receiving peritoneal dialysis. Katz A, et al. J Pediatr 1990 Aug;117(2 Pt 1):258-61

PERITONEAL DIALYSIS, CONTINUOUS AMBULATORY

Systemic lupus erythematosus: analysis of disease activity in 55 patients with end-stage renal failure treated with hemodialysis or continuous ambulatory peritoneal dialysis. Dutch Working Party on SLE. Nossent HC, et al. Am J Med 1990 Aug;89(2):169-74
Hypogammaglobulinemia in uremic infants receiving peritoneal dialysis. Katz A, et al. J Pediatr 1990 Aug;117(2 Pt 1):258-61

PERITONEAL LAVAGE

Camostate (FOY-305) improves the therapeutic effect of peritoneal lavage on taurocholate induced pancreatitis. Leonhardt U, et al. Gut 1990 Aug;31(8):934-7
A prospective, randomized comparison between open and closed peritoneal lavage techniques. Cué JI, et al. J Trauma 1990 Jul;30(7):880-3
Diagnostic peritoneal lavage: is an isolated WBC count greater than or equal to 500/mm3 predictive of intra-abdominal injury requiring celiotomy in blunt trauma patients? Soyka JM, et al. J Trauma 1990 Jul;30(7):874-9

PERITONEAL NEOPLASMS

Mesenteric fibromatosis. A follow-up study. Burke AP, et al. Arch Pathol Lab Med 1990 Aug;114(8):832-5
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 36-1990. A 42-year-old woman with pleural disease, chylous ascites, and lymphadenopathy. N Engl J Med 1990 Sep 6; 323(10):659-67

PERITONEOSCOPY

Modified laparoscopy for monitoring transcervical surgery [letter] Lin BL, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):243-4
Laparoscopic diagnosis and treatment of interstitial ectopic pregnancy: a case report. Pasic R, et al. Am J Obstet Gynecol 1990 Aug;163(2):587-8

PERITONITIS

Untreated intra-abdominal sepsis: lack of synergism between polymorphonuclear leukocyte (PMN) complement receptors CR1/CR3 and IgG receptor FcRIII. Simms HH, et al. J Trauma 1990 Aug;30(8):1027-31

PERITONSILLAR ABSCESS

Peritonsillar abscess. Why aggressive management is appropriate. Petruzzelli GJ, et al. Postgrad Med 1990 Aug; 88(2):99-100, 103-5, 108

PERMEABILITY

Evidence that folliculo-stellate cells do not impede the permeability of intercellular spaces to molecular diffusion in three-dimensional aggregate cell cultures of rat anterior pituitary. Allaerts W, et al. Endocrinology 1990 Sep; 127(3):1517-25

PERONEAL NERVE

Deep peroneal sensory nerve. Standardization in nerve conduction study. Lee HJ, et al. Am J Phys Med Rehabil 1990 Aug;69(4):202-4

PERPHENAZINE

Amoxapine versus amitriptyline combined with perphenazine in the treatment of psychotic depression. Anton RF Jr, et al. Am J Psychiatry 1990 Sep;147(9):1203-8

PERSONALITY

Mental stress and gastric acid secretion. Do personality traits influence the response? Holtmann G, et al. Dig Dis Sci 1990 Aug;35(8):998-1007

PERSONALITY DISORDERS

Validity of the Personality Diagnostic Questionnaire—revised: comparison with two structured interviews. Hyler SE, et al. Am J Psychiatry 1990 Aug; 147(8):1043-8
Criteria for self-defeating personality disorder [letter] Mossman D, et al. Am J Psychiatry 1990 Aug;147(8):1107-8

PERSONALITY INVENTORY

Validity of the Personality Diagnostic Questionnaire—revised: comparison with two structured interviews. Hyler SE, et al. Am J Psychiatry 1990 Aug; 147(8):1043-8
Diagnosis of major depression in cancer patients according to four sets of criteria. Kathol RG, et al. Am J Psychiatry 1990 Aug;147(8):1021-4

Development of diagnostic checklists for use in routine clinical care. A guideline designed to assess DSM-III-R diagnoses. Hiller W, et al. **Arch Gen Psychiatry** 1990 Aug; 47(8):782-4

PERSONNEL ADMINISTRATION, HOSPITAL

Hospitals making way for disabled employees. Eubanks P. **Hospitals** 1990 Aug 20;64(16):58-9

PERSONNEL, HOSPITAL

Occupational exposure to aerosolized pentamidine. Montgomery AB, et al. **Chest** 1990 Aug;98(2):386-8
Establishing a work-site wellness program in a hospital setting. Miller A, et al. **J Am Diet Assoc** 1990 Aug; 90(8):1104-6
Neurotoxicological evaluation of hospital sterilizer workers exposed to ethylene oxide [see comments] Estrin WJ, et al. **J Toxicol Clin Toxicol** 1990;28(1):1-20. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii-xi.
Neuropsychologic "impairment" in a cohort of hospital workers chronically exposed to ethylene oxide [see comments] Klees JE, et al. **J Toxicol Clin Toxicol** 1990; 28(1):21-8. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii-xi.
Operator radiation exposure and cardiac catheterisation route [letter] Pipilis A, et al. **Lancet** 1990 Sep 1;336(8714):567-8

PERSONNEL MANAGEMENT

Faculty development and organizational systems behavior. Henley CE, et al. **Acad Med** 1990 Jun;65(6):406-9
Performance appraisal and career counselling for senior house officers. Ward Platt M, et al. **Arch Dis Child** 1990 Jul;65(7):796-801
Out of hours workload in general practice: deprivation or expectation? [letter] Orr A, et al. **BMJ** 1990 Jun 9; 300(6738):1527
Nurses: the point of no return [editorial] Salvage J. **BMJ** 1990 Jun 9;300(6738):1478
Commentary on the role delineation study [comment] **J Am Diet Assoc** 1990 Aug;90(8):1122-3. Comment on: J Am Diet Assoc 1990 Aug;90(8):1124-33.
Role delineation for dietetic practitioners: empirical results [see comments] Kane MT, et al. **J Am Diet Assoc** 1990 Aug;90(8):1124-33. Comment in: J Am Diet Assoc 1990 Aug;90(8):1122-3.
Influence of job characteristics and organizational commitment on job satisfaction of hospital foodservice employees. Sneed J, et al. **J Am Diet Assoc** 1990 Aug; 90(8):1072-6
Effectiveness of recruiting sources for staff nurses. Labig CE Jr. **J Nurs Adm** 1990 Jul-Aug;20(7-8):12-7
Nonpunitive discipline. A method of reducing absenteeism. Rogers JE, et al. **J Nurs Adm** 1990 Jul-Aug;20(7-8):41-3
Innovative pay package. Smeltzer CH. **J Nurs Adm** 1990 Jul-Aug;20(7-8):6-7
Job turnover--a problem with employer-based health care. Schorr AL. **N Engl J Med** 1990 Aug 23;323(8):543-5
The impact of corporate culture on nurse retention. Curran CR, et al. **Nurs Clin North Am** 1990 Sep;25(3):537-49 (21 ref.)

PERTUSSIS TOXINS

Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Doze VA, et al. **Anesthesiology** 1990 Aug; 73(2):304-7
Identification of the pertussis toxin-sensitive G proteins in platelets, megakaryocytes, and human erythroleukemia cells. Williams AG, et al. **Blood** 1990 Aug 15;76(4):721-30
Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949-56
Protective antibodies in pertussis [letter] Cherry JD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):347-8

PERTUSSIS VACCINE

A pertussis vaccine myth dies [editorial] Fulginiti VA. **Am J Dis Child** 1990 Aug;144(8):860-1
Protective antibodies in pertussis [letter] Cherry JD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):347-8

PESSARIES

A vesicovaginal fistula and intravesical foreign body. A rare case of the neglected pessary. Goldstein I, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):589-91

PHAGOCYTOSIS

Inhibition of alveolar macrophage spreading and phagocytosis by cotton bract tannin. A potential mechanism in the pathogenesis of byssinosis. Kreofsky TJ, et al. **Am J Pathol** 1990 Aug;137(2):263-74
Role of complement receptors in opsonophagocytosis of group B streptococci by adult and neonatal neutrophils. Smith CL, et al. **J Infect Dis** 1990 Aug;162(2):489-95

PHARMACOLOGY

Pharmacoepidemiology: current status, prospects, and problems. Strom BL, et al. **Ann Intern Med** 1990 Aug 1; 113(3):179-81 (25 ref.)

PHARMACY SERVICE, HOSPITAL

Minimizing the influence of drug marketing. Hester FG. **Hospitals** 1990 Aug 5;64(15):80

PHARYNGEAL NEOPLASMS

Oropharynx carcinoma: irradiation alone versus induction chemotherapy plus irradiation--5 year results. Calais G, et al. **Br J Radiol** 1990 May;63(749):340-5
From the Centers for Disease Control. Current trends: deaths from oral cavity and pharyngeal cancer--United States, 1987. **JAMA** 1990 Aug 8;264(6):678

PHARYNGITIS

Effects of a rapid antigen test for group A streptococcal pharyngitis on physician prescribing and antibiotic costs. Meier FA, et al. **Arch Intern Med** 1990 Aug; 150(8):1696-700
Diagnosis of group A beta-hemolytic Streptococcus using clinical scoring criteria, Directigen 1-2-3 group A streptococcal test, and culture. Reed BD, et al. **Arch Intern Med** 1990 Aug;150(8):1727-32
New colorimetric test for rapid diagnosis of streptococcal pharyngitis: a warning. Gerber MA, et al. **Pediatrics** 1990 Sep;86(3):457-9

PHARYNX

Problems with the Mallampati sign [letter] Wilson ME, et al. **Anaesthesia** 1990 Jun;45(6):486-7
A modified tubular pharyngolaryngoscope for difficult pediatric laryngoscopy [letter] Diaz JH, et al. **Anesthesiology** 1990 Aug;73(2):357-8
Throat culture from patients with meningococcal meningitis [letter] Sippel JE, et al. **J Clin Pathol** 1990 Jul;43(7):610-1
Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. Bessen D, et al. **J Immunol** 1990 Aug 15;145(4):1251-6

PHENCYCLIDINE

Stroke from alcohol and drug abuse. A current social peril. Gorelick PB. **Postgrad Med** 1990 Aug;88(2):171-4, 177-8 (21 ref.)

PHENETHYLAMINES

Perforation of colon in distal intestinal syndrome of cystic fibrosis [letter] Whitehead AM. **Lancet** 1990 Aug 18; 336(8712):446

PHENOBARBITAL

Phenobarbital for febrile seizures [letter] **N Engl J Med** 1990 Aug 16;323(7):484-6

PHENOTYPE

Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. de Mascarel I, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):953-5

PHENTOLAMINE

Diagnostic and therapeutic technology assessment. Vasoactive intracavernous pharmacotherapy for impotence: papaverine and phentolamine. **JAMA** 1990 Aug 8;264(6):752-4

PHENYLBUTYRATES

Aplastic anaemia associated with a non-steroidal anti-inflammatory drug: relapse after exposure to another such drug. Andrews R, et al. **BMJ** 1990 Jul 7;301(6742):38

PHENYLEPHRINE

Preservation of ventricular function by treatment of ventricular fibrillation with phenylephrine [see comments] Midei MG, et al. **J Am Coll Cardiol** 1990 Aug;16(2):489-94 Comment in: J Am Coll Cardiol 1990 Aug;16(2):495-6.

PHENYLPROPANOLAMINE

Adverse drug effects attributed to phenylpropanolamine: a review of 142 case reports. Lake CR, et al. **Am J Med** 1990 Aug;89(2):195-208 (136 ref.)

PHENYLUREA COMPOUNDS

Effects of the ACAT inhibitor CL 277,082 on cholesterol metabolism in humans. Harris WS, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):189-94

PHENYTOIN

Decreased phenytoin level after carboplatin treatment [letter] Dofferhoff AS, et al. **Am J Med** 1990 Aug;89(2):247-8
Acute versus chronic phenytoin therapy and neuromuscular blockade [letter] Baumgardner JE, et al. **Anaesthesia** 1990 Jun;45(6):493-4
Prevention of post-traumatic epilepsy [editorial; comment] Hauser WA. **N Engl J Med** 1990 Aug 23;323(8):540-2. Comment on: N Engl J Med 1990 Aug 23;323(8):497-502.
A randomized, double-blind study of phenytoin for the prevention of post-traumatic seizures [see comments] Temkin NR, et al. **N Engl J Med** 1990 Aug 23; 323(8):497-502. Comment in: N Engl J Med 1990 Aug 23;323(8):540-2.

PHEOCHROMOCYTOMA

Lipid degeneration in a pheochromocytoma histologically mimicking an adrenal cortical tumor. Unger PD, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):892-4
Current diagnosis and treatment of pheochromocytoma in children. Experience with 22 consecutive tumors in 14 patients. Caty MG, et al. **Arch Surg** 1990 Aug;125(8):978-81

PHILADELPHIA CHROMOSOME

Philadelphia chromosome positive childhood acute lymphoblastic leukemia: clinical and cytogenetic characteristics and treatment outcome. A Pediatric Oncology Group study. Crist W, et al. **Blood** 1990 Aug 1;76(3):489-94

PHILATELY

Medical symbols: the caduceus. Shampo MA, et al. **Mayo Clin Proc** 1990 Aug;65(8):1159
Medical symbols: Shou. Shampo MA, et al. **Mayo Clin Proc** 1990 Jul;65(7):990

PHILOSOPHY

Daibutsu and Descartes. Morowitz HJ. **Hosp Pract [Off]** 1990 Jul 15;25(7):57, 61

PHILOSOPHY, MEDICAL

Dr. William J. Mayo's 1895 commencement address. Nelson CW. **Mayo Clin Proc** 1990 Aug;65(8):1052

PHLEBOGRAPHY

Significance of intraoperative venographic patterns on the postoperative recurrence and surgical incision placement of pediatric varicoceles. Gill B, et al. **J Urol** 1990 Aug; 144(2 Pt 2):502-5; discussion 512-3

PHLEBOTOMUS

Development of Leishmania major in Phlebotomus duboscqi and Sergentomyia schwetzi (Diptera: Psychodidae). Lawyer PG, et al. **Am J Trop Med Hyg** 1990 Jul; 43(1):31-43

PHOSPHATIDYLCHOLINES

Increase of plasma nonesterified fatty acid concentration and decrease of albumin binding affinity after intravenous injection of glycocholate-lecithin mixed micelles. Guentert TW, et al. **J Lab Clin Med** 1990 Jul;116(1):66-75

PHOSPHATIDYLSERINES

Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Rote NS, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):575-84

PHOSPHOINOSITIDES

Stimulation of phosphoinositide hydrolysis in renal medulla by vasopressin. Garg LC, et al. **Endocrinology** 1990 Sep; 127(3):1022-7

PHOSPHOLIPASES

Secretion of phospholipases by bacterial pathogens may initiate preterm labor [letter] Bennett PR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):241-2
A potential role for phospholipase-D in the angiotensin-II-induced stimulation of aldosterone secretion from bovine adrenal glomerulosa cells. Bollag WB, et al. **Endocrinology** 1990 Sep;127(3):1436-43

PHOSPHOLIPIDS

A carbohydrate-rich diet not only leads to incorporation of medium-chain fatty acids (6:0-14:0) in milk triglycerides but also in each milk-phospholipid subclass. van Beusekom C, et al. **Am J Clin Nutr** 1990 Aug;52(2):326-34
Immunoglobulin G fractions from patients with antiphospholipid antibodies cause fetal death in BALB/c mice: a model for autoimmune fetal loss. Branch DW, et

al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):210–6
Inhibitory cofactor of antiphospholipid antibody in normal pregnancy sera [letter] Cheng HM. **Am J Obstet Gynecol** 1990 Aug;163(2):701
Recurrent adverse pregnancy outcome and antiphospholipid antibodies. Reece EA, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):162–9 (69 ref.)
Antiphospholipid antibodies. A marker of lupus carditis? [comment] O'Rourke RA. **Circulation** 1990 Aug; 82(2):636–8. Comment on: Circulation 1990 Aug;82(2):369–75.
Anticardiolipin antibodies and binding of anionic phospholipids and serum protein [letter] Harris EN, et al. **Lancet** 1990 Aug 25;336(8713):505–6
Antiphospholipid antibodies and cerebral ischemia in young people. Brey RL, et al. **Neurology** 1990 Aug;40(8):1190–6
Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Levine SR, et al. **Neurology** 1990 Aug;40(8):1181–9

PHOSPHONOACETIC ACID

Prevention of foscarnet nephrotoxicity [letter] Deray G, et al. **Ann Intern Med** 1990 Aug 15;113(4):332
A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Windschitl HE, et al. **Cancer** 1990 Sep 1;66(5):853–6

PHOSPHOPROTEINS

Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. Cardenas L, et al. **J Immunol** 1990 Sep 1;145(5):1450–5
A specific defect of prosolin phosphorylation in T cell leukemic lymphoblasts is associated with impaired down-regulation of DNA synthesis. Cooper HL, et al. **J Immunol** 1990 Aug 15;145(4):1205–13

PHOSPHOTRANSFERASES, ATP

Compartmentalization of cyclic GMP-dependent protein kinase in formyl-peptide stimulated neutrophils. Pryzwansky KB, et al. **Blood** 1990 Aug 1;76(3):612–8
Negative dystrophin staining in muscles of patients with complex glycerol kinase deficiency. Tonoki H, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):268–71

PHOTIC STIMULATION

Seasonal affective disorder and the photic sneeze response [letter] Pies R. **Am J Psychiatry** 1990 Aug;147(8):1094

PHOTOCHEMOTHERAPY

RE: Complications of whole bladder dihematoporphyrin ether photodynamic therapy [letter] **J Urol** 1990 Sep; 144(3):750–1
Lasers in photodynamic therapy. McCaughan L. **Nurs Clin North Am** 1990 Sep;25(3):725–38 (25 ref.)

PHOTOSENSITIVITY DISORDERS

Cutaneous photosensitivity and coproporphyrin abnormalities in the Alagille syndrome. Poh-Fitzpatrick MB, et al. **Gastroenterology** 1990 Sep;99(3):831–5

PHRENIC NERVE

Repair of thoracic dissections [letter] Hammond GL. **Ann Thorac Surg** 1990 Aug;50(2):330
Phrenic nerve stimulation in quadriplegia [letter] **Lancet** 1990 Aug 18;336(8712):446–7

PHYSICAL EXAMINATION

The nursing home as a site for teaching medical students. Wiener M, et al. **Acad Med** 1990 Jun;65(6):412–4
The preparticipation physical examination for sports. Tanji JL. **Am Fam Physician** 1990 Aug;42(2):397–402 (19 ref.)
The ABCs of health supervision. Introducing medical students to the outpatient department. Widome MD. **Clin Pediatr (Phila)** 1990 Jul;29(7):418–20
The medical evaluation of the sexually abused child. Paradise JE. **Pediatr Clin North Am** 1990 Aug;37(4):839–62 (93 ref.)
Physical diagnosis and the nonexpert physician [letter] Spurlock BW. **West J Med** 1990 Jul;153(1):87

PHYSICAL FITNESS

Blood pressure, fitness, and fatness in 5- and 6-year-old children. Gutin B, et al. **JAMA** 1990 Sep 5;264(9):1123–7
Compensation for heat-illness death, USA. Brahams D. **Lancet** 1990 Aug 4;336(8710):303

PHYSICAL MEDICINE

Research in physical medicine and rehabilitation. IX. Primary data analysis. Findley TW. **Am J Phys Med Rehabil** 1990 Aug;69(4):209–18 (27 ref.)

PHYSICAL THERAPY

Low back pain: comparison of chiropractic and hospital outpatient treatment [letter] **BMJ** 1990 Jun 23; 300(6740):1647–50
Low back pain of mechanical origin: randomised comparison of chiropractic and hospital outpatient treatment. Meade TW, et al. **BMJ** 1990 Jun 2;300(6737):1431–7
Partial versus complete acute anterior cruciate ligament tears. The results of nonoperative treatment. Barrack RL, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):622–4
Chiropractors and low back pain [letter] **Lancet** 1990 Sep 1;336(8714):572–3
Upon these rocks [editorial; comment] Rothstein JM. **Phys Ther** 1990 Aug;70(8):467–9. Comment on: Phys Ther 1990 Aug;70(8):470–6; discussion 476–9.

PHYSICIAN IMPAIRMENT

When the doctor has AIDS. Gramelspacher GP, et al. **J Infect Dis** 1990 Aug;162(2):534–7
From the Office of the General Counsel. Drug testing of physicians. Orentlicher D. **JAMA** 1990 Aug 22–29; 264(8):1039–40

PHYSICIAN-PATIENT RELATIONS

And the children shall teach us ... [letter] Asnes RS. **Am J Dis Child** 1990 Aug;144(8):849
Further views on patient-therapist sex [letter] **Am J Psychiatry** 1990 Sep;147(9):1258–9
Transference phenomena in medical practice: being whom the patient needs. Zinn WM. **Ann Intern Med** 1990 Aug 15;113(4):293–8
Immigrant attitudes toward the physician [letter] Anderson R. **JAMA** 1990 Sep 12;264(10):1252
Keeping the ill at ease. Davis JM. **Postgrad Med** 1990 Aug; 88(2):44–5, 48

PHYSICIANS

Life after residency. Setting priorities in pediatric professional life. Boyce WT. **Am J Dis Child** 1990 Aug;144(8):858–60
Impact of legal liability, family wishes, and other "external factors" on physicians' life-support decisions. Perkins HS, et al. **Am J Med** 1990 Aug;89(2):185–94
On being a physician [letter] Plutzky J. **Am J Med** 1990 Aug; 89(2):252
Physicians and the pharmaceutical industry [letter] **Ann Intern Med** 1990 Sep 1;113(5):407–8
Physician ownership of health care facilities [news] Foreman J. **Arch Ophthalmol** 1990 Aug;108(8):1077
A piece of my mind. A snorkel, a 5-iron, and a pen. Nelson JC. **JAMA** 1990 Aug 8;264(6):742
No evidence of an emerging physician surplus [letter] Schwartz WB, et al. **JAMA** 1990 Aug 8;264(6):691
Doctors with HIV [news] **Lancet** 1990 Aug 18;336(8712):432

PHYSICIANS' ASSISTANTS

Home care and physician assistants [letter] Pike J. **JAMA** 1990 Aug 8;264(6):694

PHYSICIANS, FAMILY

We need more family physicians like Dr. S. Siwek J. **Am Fam Physician** 1990 Aug;42(2):299
Information retrieval systems [letter] Gibson P, et al. **J Fam Pract** 1990 Aug;31(2):121–2
Confidentiality in medical practice. Lako CJ, et al. **J Fam Pract** 1990 Aug;31(2):167–70

PHYSICIAN'S PRACTICE PATTERNS

Practice parameters. An opportunity for pathologists to take a leadership role in patient care [editorial] Speicher CE. **Arch Pathol Lab Med** 1990 Aug;114(8):823–4
Clinical nutrition support. Payne-James J, et al. **BMJ** 1990 Jul 7;301(6742):1–2 (28 ref.)
Length of stay in the intensive care unit. Effects of practice guidelines and feedback. Eagle KA, et al. **JAMA** 1990 Aug 22–29;264(8):992–7
Clinical decision making: from theory to practice. What do we do about costs? Eddy DM. **JAMA** 1990 Sep 5; 264(9):1161, 1165, 1169–70

PHYSICIANS, WOMEN

Women in medicine: practice patterns and attitudes. Williams AP, et al. **Can Med Assoc J** 1990 Aug 1;143(3):194–201

PHYSOSTIGMINE

Regional cerebral blood flow in Alzheimer's disease [letter] **Lancet** 1990 Aug 18;336(8712):450

PIGMENT EPITHELIUM OF EYE

Antitransferrin receptor immunotoxin inhibits proliferating human retinal pigment epithelial cells. Jaffe GJ, et al. **Arch Ophthalmol** 1990 Aug;108(8):1163–8

PIGMENTATION DISORDERS

Reversible hyperpigmentation associated with high dose hydroxyurea. Majumdar G, et al. **BMJ** 1990 Jun 2; 300(6737):1468
Oxyphilic (Hürthle cell) adenoma arising in a black thyroid gland. Faddis DM, et al. **South Med J** 1990 Aug;83(8):976–8 (10 ref.)

PILONIDAL CYST

Pediatric pilonidal disease: a method of management. Golladay ES, et al. **South Med J** 1990 Aug;83(8):922–4

PIPECOLIC ACIDS

Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.

PIPERIDINES

Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. Panter KE, et al. **J Toxicol Clin Toxicol** 1990;28(1):69–83

PITUITARY-ADRENAL FUNCTION TESTS

Clinical applications of corticotropin releasing hormone. Daughaday WH. **Mayo Clin Proc** 1990 Jul;65(7):1026–8
Ovine corticotropin releasing hormone stimulation test: normal value study. Young WF Jr, et al. **Mayo Clin Proc** 1990 Jul;65(7):943–8

PITUITARY-ADRENAL SYSTEM

Unexpected inhibitory action of N-methyl-D,L-aspartate or luteinizing hormone release in adult ovariectomized rhesus monkeys: a role of the hypothalamic-adrenal axis. Reyes A, et al. **Endocrinology** 1990 Aug;127(2):724–9
Amplitude, but not frequency, modulation of adrenocorticotropin secretory bursts gives rise to the nyctohemeral rhythm of the corticotropic axis in man. Veldhuis JD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):452–63
Clinical applications of corticotropin releasing hormone. Daughaday WH. **Mayo Clin Proc** 1990 Jul;65(7):1026–8
Ovine corticotropin releasing hormone stimulation test: normal value study. Young WF Jr, et al. **Mayo Clin Proc** 1990 Jul;65(7):943–8

PITUITARY DISEASES

Asymptomatic pituitary adenomas [letter] Gandola C. **Ann Intern Med** 1990 Sep 15;113(6):482
Myocarditis [letter] Adams VI. **JAMA** 1990 Aug 8; 264(6):694–5

PITUITARY GLAND

The effect of adrenocorticotropic hormone infusion on subsequent pituitary response in the sheep fetus. Cuthrell WV, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):170–4
Ontogeny and pituitary regulation of testicular growth hormone-releasing hormone-like messenger ribonucleic acid. Berry SA, et al. **Endocrinology** 1990 Sep; 127(3):1404–11
Growth hormone and prolactin secretion in cultured somatomammotroph cells. Kashio Y, et al. **Endocrinology** 1990 Sep;127(3):1129–35
Dopamine inhibits two characterized voltage-dependent calcium currents in identified rat lactotroph cells. Lledo PM, et al. **Endocrinology** 1990 Sep;127(3):990–1001
Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. Reul JM, et al. **Endocrinology** 1990 Aug;127(2):907–15
Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352–61
Rapid augmentation by progesterone of agonist-stimulated luteinizing hormone secretion by cultured pituitary cells. Turgeon JL, et al. **Endocrinology** 1990 Aug;127(2):773–80
Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480–6
In vivo assessment of pituitary gland volume with magnetic resonance imaging: the effect of age. Lurie SN, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):505–8

PITUITARY GLAND, ANTERIOR

Growth hormone response to growth hormone-releasing hormone in schizophrenic patients. Mayerhoff DI, et al. **Am J Psychiatry** 1990 Aug;147(8):1072–4

Evidence that folliculo-stellate cells do not impede the permeability of intercellular spaces to molecular diffusion in three-dimensional aggregate cell cultures of rat anterior pituitary. Allaerts W, et al. **Endocrinology** 1990 Sep; 127(3):1517-25

Regulation and cellular localization of the membrane-bound thyrotropin-releasing hormone-degrading enzyme in primary cultures of neuronal, glial and adenohypophyseal cells. Bauer K, et al. **Endocrinology** 1990 Sep; 127(3):1224-33

Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Crowley WR, et al. **Endocrinology** 1990 Sep;127(3):1487-94

Differential effects of in vitro glucocorticoids on luteinizing hormone and follicle-stimulating hormone secretion: dependence on sex of pituitary donor. D'Agostino J, et al. **Endocrinology** 1990 Aug;127(2):891-9

Changes in anterior pituitary hormone levels after serotonin 1A receptor stimulation. Di Sciullo A, et al. **Endocrinology** 1990 Aug;127(2):567-72

Medium 3,5,3'-triiodo-L-thyronine (T3) and T3 generated from L-thyroxine are exchangeable in cultured GC cells. Halperin Y, et al. **Endocrinology** 1990 Sep;127(3):1050-6

The regulation of neuropeptide expression in rat anterior pituitary following chronic manipulation of estrogen status: a comparison between substance P, neuropeptide Y, neurotensin, and vasoactive intestinal peptide. O'Halloran DJ, et al. **Endocrinology** 1990 Sep;127(3):1463-9

Calcitonin inhibits thyrotropin-releasing hormone-induced increases in cytosolic Ca2+ in isolated rat anterior pituitary cells. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):613-20

Calcitonin inhibits basal and thyrotropin-releasing hormone-induced release of prolactin from anterior pituitary cells: evidence for a selective action exerted proximal to secretagogue-induced increases in cytosolic Ca2+. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):621-8

Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Van LP, et al. **Endocrinology** 1990 Sep;127(3):1412-8

Chronic inhibitory effect of follicle-stimulating hormone (FSH)-suppressing protein (FSP) or follistatin on activin- and gonadotropin-releasing hormone-stimulated FSH synthesis and secretion in cultured rat anterior pituitary cells. Wang QF, et al. **Endocrinology** 1990 Sep; 127(3):1385-93

Perinatal growth hormone (GH) physiology: effect of GH-releasing factor on maternal and fetal secretion of pituitary and placental GH. de Zegher F, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):520-2

Thyroxine 5'-deiodinase in human anterior pituitary tumors. Itagaki Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):340-4

PITUITARY GLAND, POSTERIOR

Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo-neurohypophyseal explants. Yagil C, et al. **Endocrinology** 1990 Sep;127(3):1428-35

PITUITARY HORMONES, ANTERIOR

Changes in anterior pituitary hormone levels after serotonin 1A receptor stimulation. Di Sciullo A, et al. **Endocrinology** 1990 Aug;127(2):567-72

PITUITARY NEOPLASMS

Analysis of endocrine active and clinically silent corticotropic adenomas by in situ hybridization. Lloyd RV, et al. **Am J Pathol** 1990 Aug;137(2):479-88

Asymptomatic pituitary adenomas [letter] Gandola C. **Ann Intern Med** 1990 Sep 15;113(6):482

Improvement of pituitary function after surgical decompression for pituitary tumor apoplexy. Arafah BM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):323-8

Thyroxine 5'-deiodinase in human anterior pituitary tumors. Itagaki Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):340-4

Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305-10

Effects of a new prolactin inhibitor, CV 205-502, in the treatment of human macroprolactinomas. Khalfallah Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):354-9

Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480-6

Long term effect of incremental doses of the somatostatin analog SMS 201-995 in 58 acromegalic patients. French SMS 201-995 approximately equal to Acromegaly Study Group. Sassolas G, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):391-7

Presentation and management of suprasellar arachnoid cysts. Review of 20 cases. Pierre-Kahn A, et al. **J Neurosurg** 1990 Sep;73(3):355-9

PLACENTA

HBcAg identification in the placental cytotypes of symptom-free HBsAg-carrier mothers: a study with the immunoperoxidase method. Lucifora G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):235-9

Changes in active and latent collagenase in human placenta around the time of parturition. Rajabi MR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):499-505

Alterations in transfer and lipid distribution of arachidonic acid in placentas of diabetic pregnancies. Kuhn DC, et al. **Diabetes** 1990 Aug;39(8):914-8

Molecular cloning and expression of rat placental lactogen-I complementary deoxyribonucleic acid. Robertson MC, et al. **Endocrinology** 1990 Aug;127(2):702-10

Perinatal growth hormone (GH) physiology: effect of GH-releasing factor on maternal and fetal secretion of pituitary and placental GH. de Zegher F, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):520-2

In vitro human placental model to study transfer of thiamin from the mother to the fetus: effect of ethanol in this system [editorial] Mukherjee AB. **J Lab Clin Med** 1990 Jul; 116(1):6-7

Thiamine-transfer by human placenta: normal transport and effects of ethanol. Schenker S, et al. **J Lab Clin Med** 1990 Jul;116(1):106-15

Tolerance and the fetal graft [editorial] **Lancet** 1990 Sep 1; 336(8714):538-9

PLACENTA ACCRETA

Endemic placenta accreta in a population of remote villagers in Papua New Guinea [letter] Lennox CE. **Br J Obstet Gynaecol** 1990 Jun;97(6):551

PLACENTA DISEASES

Markedly elevated maternal serum alpha-fetoprotein associated with a normal fetus and choriocarcinoma of the placenta. Ollendorff DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):494-7

PLACENTAL LACTOGEN

Characterization of glycosylated bovine placental lactogen and the effect of enzymatic deglycosylation on receptor binding and biological activity. Byatt JC, et al. **Endocrinology** 1990 Sep;127(3):1041-9

Molecular cloning and expression of rat placental lactogen-I complementary deoxyribonucleic acid. Robertson MC, et al. **Endocrinology** 1990 Aug;127(2):702-10

PLANT PROTEINS

Selective elimination of fibroblasts from pancreatic islet monolayers by basic fibroblast growth factor-saporin mitotoxin. Beattie GM, et al. **Diabetes** 1990 Aug; 39(8):1002-5

Gliadin challenge-induced jejunal prostaglandin E2 secretion in celiac disease. Lavö B, et al. **Gastroenterology** 1990 Sep; 99(3):703-7

Review of methods for measuring gliadins in food. Howdle PD, et al. **Gut** 1990 Jun;31(6):712-3 (17 ref.)

Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Mantzaris GJ, et al. **Gut** 1990 Jun;31(6):668-73

PLANTS

Allergens involved in occupational asthma caused by baby's breath (Gypsophila paniculata). Schroeckenstein DC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):189-93

PLASMA

Association between transfusion with plasma and the recurrence of colorectal carcinoma. Marsh J, et al. **Br J Surg** 1990 Jun;77(6):623-6

PLASMA CELLS

CD38 molecule: structural and biochemical analysis on human T lymphocytes, thymocytes, and plasma cells. Alessio M, et al. **J Immunol** 1990 Aug 1;145(3):878-84

PLASMA SUBSTITUTES

Interrelationship between atrial natriuretic factor concentrations and acute volume expansion in pregnant and nonpregnant women. Hatjis CG, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):45-50

PLASMA VOLUME

Effect of plasma volume expansion on hemodynamics and atrial natriuretic factor release in heart-transplant recipients. Dussaule JC, et al. **Am J Cardiol** 1990 Aug 15; 66(4):477-83

PLASMAPHERESIS

Plasmapheresis during pregnancy. Watson WJ, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):451-7 (57 ref.)

PLASMIDS

Transferable cephalosporin resistance not inhibited by clavulanate in Escherichia coli [letter] Woodford N, et al. **Lancet** 1990 Jul 28;336(8709):253

PLASMINOGEN ACTIVATOR, TISSUE-TYPE

Intravenous recombinant tissue-type plasminogen activator in patients with unstable angina pectoris. Results of a placebo-controlled, randomized trial. Williams DO, et al. **Circulation** 1990 Aug;82(2):376-83

Aprotinin: an antidote for recombinant tissue-type plasminogen activator (rt-PA) active in vivo. Clozel JP, et al. **J Am Coll Cardiol** 1990 Aug;16(2):507-10

Role of thrombolysis and thrombin in patients with acute coronary occlusion during percutaneous transluminal coronary angioplasty. Gulba DC, et al. **J Am Coll Cardiol** 1990 Sep;16(3):563-8

Stroke and acute myocardial infarction in the thrombolytic era: clinical correlates and long-term prognosis [see comments] O'Connor CM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):533-40. Comment in: J Am Coll Cardiol 1990 Sep;16(3):541-4.

Reinfarction after thrombolytic therapy for acute myocardial infarction followed by conservative management: incidence and effect of smoking. Rivers JT, et al. **J Am Coll Cardiol** 1990 Aug;16(2):340-8

Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714-22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723-5.

Non-coronary thrombolysis [letter] Dawson K, et al. **Lancet** 1990 Jul 28;336(8709):250-1

PLASMINOGEN ACTIVATORS

Coronary reperfusion studies with pro-urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. Kasper W, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):733-8

PLASMINOGEN INACTIVATORS

Thrombin and plasminogen activator inhibitor [letter] Zahavi M, et al. **Blood** 1990 Aug 15;76(4):853-4

Matrix-bound plasminogen activator inhibitor type 1 inhibits the invasion of human monocytes into interstitial tissue. Kirchheimer JC, et al. **J Immunol** 1990 Sep 1; 145(5):1518-22

PLASMODIUM FALCIPARUM

Natural malaria infections in anophelines in Rondonia State, Brazilian Amazon. de Oliveira-Ferreira J, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):6-10

Enzyme immunoassays for detection of malarial antigens in human plasmas by Plasmodium falciparum monoclonal antibodies. Dubarry M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):116-23

Typing of southern African isolates of Plasmodium falciparum using monoclonal antibodies. Freese JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):19-24

Renal pathology in owl monkeys in Plasmodium falciparum vaccine trials. Iseki M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):130-8

Plasmodium falciparum infection rates in Anopheles gambiae, An. arabiensis, and An. funestus in western Kenya. Taylor KA, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):124-9

In vitro and ex-vivo models of sequestration in Plasmodium falciparum infection. Udeinya IJ. **Am J Trop Med Hyg** 1990 Aug;43(2 Pt 2):2-5 (16 ref.)

Evidence for a switching mechanism in the invasion of erythrocytes by Plasmodium falciparum. Dolan SA, et al. **J Clin Invest** 1990 Aug;86(2):618-24

Secondary structure and immunogenicity of hybrid synthetic peptides derived from two Plasmodium falciparum pre-erythrocytic antigens. Londoño JA, et al. **J Immunol** 1990 Sep 1;145(5):1557-63

PLASMODIUM VIVAX

Natural malaria infections in anophelines in Rondonia State, Brazilian Amazon. de Oliveira-Ferreira J, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):6-10

PLASTICS

The use of bubble wrap as an arm support for extracorporeal shock wave lithotripsy. Fernandez JA, et al. **J Urol** 1990 Aug;144(2 Pt 1):312

PLATELET ACTIVATING FACTOR

Evidence for a role of platelet activating factor in the pathogenesis of irreversible but not reversible myocardial injury after reperfusion in dogs. Maruyama M, et al. **Am Heart J** 1990 Sep;120(3):510–20

Effects of the PAF antagonist WEB 2086 on PAF–induced physiologic alterations and on IgE anaphylaxis in the rabbit. Lohman I, et al. **Am Rev Respir Dis** 1990 Aug;142(2):390–7

Interaction of platelet–activating factor with interferon–gamma in the stimulation of interleukin–1 production by human monocytes. Barthelson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):193–201

Effect of long–term treatment with platelet–activating factor on IL–1 and IL–2 production by rat spleen cells. Pignol B, et al. **J Immunol** 1990 Aug 1;145(3):980–4

PLATELET ACTIVATION

Dose–dependent platelet stimulation and inhibition induced by anti–PIA1 IgG. Ryu T, et al. **J Lab Clin Med** 1990 Jul;116(1):91–9

PLATELET AGGREGATION

Inhibition of platelet aggregation by granulocytes stimulated during experimental trauma. Zoucas E, et al. **Crit Care Med** 1990 Aug;18(8):845–7

PLATELET AGGREGATION INHIBITORS

Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Rodgers GP, et al. **Circulation** 1990 Aug;82(2):560–9

PLATELET–DERIVED GROWTH FACTOR

Oxygen tension regulates the expression of the platelet–derived growth factor–B chain gene in human endothelial cells. Kourembanas S, et al. **J Clin Invest** 1990 Aug;86(2):670–4

Antiproliferative effect of trapidil, a platelet–derived growth factor antagonist, on a glioma cell line in vitro. Kuratsu J, et al. **J Neurosurg** 1990 Sep;73(3):436–40

Differential acceleration of healing of surgical incisions in the rabbit gastrointestinal tract by platelet–derived growth factor and transforming growth factor, type beta. Mustoe TA, et al. **Surgery** 1990 Aug;108(2):324–9; discussion 329–30

PLATELET FUNCTION TESTS

Bleeding time in patients with hepatic cirrhosis. Blake JC, et al. **BMJ** 1990 Jul 7;301(6742):12–5

PLATELET MEMBRANE GLYCOPROTEINS

Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue–type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.

Pharmacodynamic study of F(ab')2 fragments of murine monoclonal antibody 7E3 directed against human platelet glycoprotein IIb/IIIa in patients with unstable angina pectoris. Gold HK, et al. **J Clin Invest** 1990 Aug; 86(2):651–9

PLEURA

The falling column: a new technique for interpleural catheter placement [letter] Ben–David B, et al. **Anesth Analg** 1990 Aug;71(2):212

Mesothelial cells and tuberculous pleuritis [letter] de los Santos–Sastre S, et al. **Chest** 1990 Aug;98(2):518

PLEURAL DISEASES

Pleural–subarachnoid fistula detected by radionuclide myelography. Hernigou P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):727–8

PLEURAL EFFUSION

Thoracoscopy and talc poudrage for pneumothoraces and effusions. Daniel TM, et al. **Ann Thorac Surg** 1990 Aug; 50(2):186–9

Effusion cytology in the diagnosis of malignant epithelioid and biphasic pleural mesothelioma. Sherman ME, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):845–51

Ascites after pleuroperitoneal shunting. Roukema JA, et al. **Cancer** 1990 Aug 15;66(4):675–6

Pleural fluid acidosis in the malignant variant of benign pleural mesothelioma [letter] Brandstetter RD, et al. **Chest** 1990 Aug;98(2):514–5

Blood hypereosinophilia in the course of posttraumatic pleural effusion. Maltais F, et al. **Chest** 1990 Aug; 98(2):348–51

Systemic toxicity following intracavitary administration of bleomycin. Siegel RD, et al. **Chest** 1990 Aug;98(2):507

PLEURAL NEOPLASMS

Macroscopic characteristics of pleural metastases arising from the breast and observed by diagnostic thoracoscopy. Cantó–Armengod A. **Am Rev Respir Dis** 1990 Sep; 142(3):616–8

Recurrent thymoma in patients with myasthenia gravis. Ohmi M, et al. **Ann Thorac Surg** 1990 Aug;50(2):243–7

Effusion cytology in the diagnosis of malignant epithelioid and biphasic pleural mesothelioma. Sherman ME, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):845–51

A phase II study of pirarubicin in malignant pleural mesothelioma. Kaukel E, et al. **Cancer** 1990 Aug 15; 66(4):651–4

Pleural fluid acidosis in the malignant variant of benign pleural mesothelioma [letter] Brandstetter RD, et al. **Chest** 1990 Aug;98(2):514–5

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 36–1990. A 42–year–old woman with pleural disease, chylous ascites, and lymphadenopathy. **N Engl J Med** 1990 Sep 6; 323(10):659–67

PLEURISY

Rheumatoid pleuritis. Graham WR. **South Med J** 1990 Aug; 83(8):973–5 (14 ref.)

PLOIDIES

Near–triploid and near–tetraploid acute lymphoblastic leukemia of childhood. Pui CH, et al. **Blood** 1990 Aug 1; 76(3):590–6

Ploidy of smooth muscle tumours: retrospective image analysis study of formalin fixed, paraffin wax embedded tissue. Dorman A, et al. **J Clin Pathol** 1990 Jun;43(6):465–8

Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. Nativ O, et al. **J Urol** 1990 Aug;144(2 Pt 1):303–6

Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299–302

PNEUMATOSIS CYSTOIDES INTESTINALIS

Pneumatosis intestinalis. Surgical management and clinical outcome. Knechtle SJ, et al. **Ann Surg** 1990 Aug; 212(2):160–5

PNEUMOCOCCAL INFECTIONS

Protective effect of recombinant human granulocyte colony–stimulating factor against pneumococcal infections in splenectomized mice. Hebert JC, et al. **Arch Surg** 1990 Aug;125(8):1075–8

PNEUMOCYSTIS CARINII

Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. Sethi KK. **J Clin Pathol** 1990 Jul;43(7):584–6

Detection of Pneumocystis carinii with DNA amplification. Wakefield AE, et al. **Lancet** 1990 Aug 25;336(8713):451–3

PNEUMONECTOMY

Shock, transfusion, and pneumonectomy. Death is due to right heart failure and increased pulmonary vascular resistance. Cryer HG, et al. **Ann Surg** 1990 Aug; 212(2):197–201

Decreased vascular compliance after reimplantation of the left lower lobe in young pigs. Johnson AM, et al. **Ann Thorac Surg** 1990 Aug;50(2):277–80

PNEUMONIA

Pneumonia, diarrhea, and growth in the first 4 y of life: a longitudinal study of 5914 urban Brazilian children. Victora CG, et al. **Am J Clin Nutr** 1990 Aug;52(2):391–6

Characteristics of alveolar macrophages in an animal model of resolving pulmonary inflammation. Dal Nogare AR, et al. **Am Rev Respir Dis** 1990 Sep;142(3):660–7

Severe community–acquired pneumonia. Etiology, prognosis, and treatment. Pachon J, et al. **Am Rev Respir Dis** 1990 Aug;142(2):369–73

Incidence, risk, and prognosis factors of nosocomial pneumonia in mechanically ventilated patients. Torres A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):523–8

Acute hypoxemic respiratory failure caused by Chlamydia trachomatis and diagnosed by flexible bronchoscopy. Wheeler WB, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):471–3

Increased levels of interleukin–1 in bronchoalveolar washings from children with bacterial pulmonary infections. Wilmott RW, et al. **Am Rev Respir Dis** 1990 Aug;142(2):365–8

Respiratory tract infection and anaesthesia. Haemophilus influenzae pneumonia that developed under anaesthesia. Campbell NN. **Anaesthesia** 1990 Jul;45(7):561–2

Pneumonia associated with contact with cyanobacteria. Turner PC, et al. **BMJ** 1990 Jun 2;300(6737):1440–1

Confusing serological abnormalities in bird fancier's lung. Udwadia ZF, et al. **BMJ** 1990 Jun 9;300(6738):1519

Life–threatening bleomycin pulmonary toxicity with ultimate reversibility. Hartmann LC, et al. **Chest** 1990 Aug; 98(2):497–9

Reduction in pneumonia mortality and total childhood mortality by means of community–based intervention trial in Gadchiroli, India. Bang AT, et al. **Lancet** 1990 Jul 28; 336(8709):201–6

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 37–1990. A 28–year–old man with increasing dyspnea, dry cough, and fever after chemotherapy for lymphoma. **N Engl J Med** 1990 Sep 13; 323(11):737–47

PNEUMONIA, ASPIRATION

Extracorporeal membrane oxygenation for hydrocarbon aspiration. Scalzo AJ, et al. **Am J Dis Child** 1990 Aug; 144(8):867–71

A difficult tracheal intubation as a result of obesity and absence of teeth. Brahams D. **Anaesthesia** 1990 Jul; 45(7):586–7

Omeprazole for prophylaxis of acid aspiration in elective surgery. Ng Wingtin L, et al. **Anaesthesia** 1990 Jun; 45(6):436–8

Importance of chronic aspiration in recipients of heart–lung transplants. Reid KR, et al. **Lancet** 1990 Jul 28; 336(8709):206–8

PNEUMONIA, LOBAR

Prevention of influenza and pneumonia. Mostow SR, et al. **Am Rev Respir Dis** 1990 Aug;142(2):487–8

Hospital–based pneumococcal immunization. Epidemiologic rationale from the Shenandoah study [see comments] Fedson DS, et al. **JAMA** 1990 Sep 5;264(9):1117–22. Comment in: JAMA 1990 Sep 5;264(9):1154–5.

Pneumococcal immunization: from policy to practice [editorial; comment] Schwartz B, et al. **JAMA** 1990 Sep 5;264(9):1154–5. Comment on: JAMA 1990 Sep 5;264(9):1117–22.

PNEUMONIA, PNEUMOCYSTIS CARINII

Intravenous or inhaled pentamidine for treating Pneumocystis carinii pneumonia in AIDS. A randomized trial. Conte JE Jr, et al. **Ann Intern Med** 1990 Aug 1;113(3):203–9

Inhaled or intravenous pentamidine therapy for Pneumocystis carinii pneumonia in AIDS. A randomized trial. Soo Hoo GW, et al. **Ann Intern Med** 1990 Aug 1;113(3):195–202

Recurrent pneumothorax in AIDS patients with Pneumocystis pneumonia. A clinicopathologic report of three cases and review of the literature. Beers MF, et al. **Chest** 1990 Aug;98(2):266–70 (30 ref.)

Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. Sethi KK. **J Clin Pathol** 1990 Jul;43(7):584–6

"Treating through" hypersensitivity to cotrimoxazole in children with HIV infection [letter] Kreuz W, et al. **Lancet** 1990 Aug 25;336(8713):508–9

Pneumocystis carinii pneumonia in infants infected with the human immunodeficiency virus with more than 450 CD4 T lymphocytes per cubic millimeter. Leibovitz E, et al. **N Engl J Med** 1990 Aug 23;323(8):531–3

Acquired immunodeficiency syndrome and Pneumocystis carinii infection in a pregnant woman. Hicks ML, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):480–1

Disseminated Pneumocystis carinii in a patient receiving aerosolized pentamidine prophylaxis. Berman SM, et al. **West J Med** 1990 Jul;153(1):82–6 (41 ref.)

PNEUMONIA, STAPHYLOCOCCAL

Diffuse centrilobular lesions of the lung caused by Staphylococcus aureus in two immunocompromised patients [letter] Fujita J, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):652–3

Sequential virus infections, bacterial superinfections, and fibrogenesis. Jakab GJ. **Am Rev Respir Dis** 1990 Aug; 142(2):374–9

PNEUMONIA, VIRAL

Sequential virus infections, bacterial superinfections, and fibrogenesis. Jakab GJ. **Am Rev Respir Dis** 1990 Aug; 142(2):374–9

PNEUMOPERITONEUM, ARTIFICIAL

Diagnostic pneumoperitoneum for the detection of the clinically occult contralateral hernia in children. Harrison CB, et al. **J Urol** 1990 Aug;144(2 Pt 2):510–1; discussion 512–3

PNEUMOTHORAX

Thoracoscopy and talc poudrage for pneumothoraces and effusions. Daniel TM, et al. **Ann Thorac Surg** 1990 Aug; 50(2):186–9

Chickenpox and pneumothorax [letter] Barone JG, et al. **Chest** 1990 Aug;98(2):514

Recurrent pneumothorax in AIDS patients with Pneumocystis pneumonia. A clinicopathologic report of three cases and review of the literature. Beers MF, et al. **Chest** 1990 Aug;98(2):266–70 (30 ref.)

Bilateral spontaneous pneumothoraces caused by metastatic ovarian granulosa cell tumor. Davidson PG, et al. **Chest** 1990 Aug;98(2):503–5

Computed tomography in the etiologic assessment of idiopathic spontaneous pneumothorax. Lesur O, et al. **Chest** 1990 Aug;98(2):341–7

PODIATRY

Lasers in podiatry and orthopedics. Pyrcz RA, et al. **Nurs Clin North Am** 1990 Sep;25(3):719–23

PODOPHYLLIN

Delayed recognition of podophyllum toxicity in a patient receiving epidural morphine. Conard PF, et al. **Anesth Analg** 1990 Aug;71(2):191–3

POISONING

Poisoning admissions of black South Africans. Joubert PH. **J Toxicol Clin Toxicol** 1990;28(1):85–94

Household survey of child-safe packaging for medications. Gulaid JA, et al. **Public Health Rep** 1990 Jul–Aug; 105(4):430–2

POLICY MAKING

From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Aug 8;264(6):677

A survey of exposures, practices and recommendations of surgeons in the care of patients with human immunodeficiency virus. Mandelbrot DA, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):99–106

POLIOMYELITIS

Postoutbreak polio vaccination policy in Israel [letter] Slater PE. **Am J Dis Child** 1990 Aug;144(8):850–1

POLIOVIRUS VACCINE

Postoutbreak polio vaccination policy in Israel [letter] Slater PE. **Am J Dis Child** 1990 Aug;144(8):850–1

POLITICS

Scientifically astute activists seek common ground with clinicians on testing new AIDS drugs [news] Cotton P. **JAMA** 1990 Aug 8;264(6):666, 669–70, 673

Beyond 'abortion': RU-486 and the needs of the crisis constituency. Regelson W, et al. **JAMA** 1990 Aug 22–29; 264(8):1026–7

POLLEN

The tadidiin (corn pollen) syndrome [letter] Freeman GL. **J Allergy Clin Immunol** 1990 Aug;86(2):275

POLYCHONDRITIS, RELAPSING

Relapsing polychondritis: an unusual cause of PUO in a Maori gentleman [letter] Ching DW, et al. **Br J Rheumatol** 1990 Aug;29(4):317–8

POLYCYSTIC OVARY SYNDROME

Ovarian 17-ketosteroid reductase deficiency as a possible cause of polycystic ovarian disease. Toscano V, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):288–92

POLYCYTHEMIA

Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Graham D, et al. **Lancet** 1990 Sep 1;336(8714):574

POLYCYTHEMIA VERA

A new treatment for polycythemia vera: recombinant interferon alfa. Silver RT. **Blood** 1990 Aug 15;76(4):664–5

POLYETHYLENE GLYCOLS

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510–4

Evaluation of the rapid plasma elimination of recombinant alpha 1-proteinase inhibitor: synthesis of polyethylene glycol conjugates with improved therapeutic potential. Mast AE, et al. **J Lab Clin Med** 1990 Jul;116(1):58–65

POLYGLYCOLIC ACID

Immune response to polyglycolic acid implants. Santavirta S, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):597–600

POLYMERS

Clogging of biliary endoprostheses: a new perspective. Coene PP, et al. **Gut** 1990 Aug;31(8):913–7

Foreign-body reactions to fracture fixation implants of biodegradable synthetic polymers. Böstman O, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):592–6

A polyanion binding site on the CD4 molecule. Proximity to the HIV-gp120 binding region. Parish CR, et al. **J Immunol** 1990 Aug 15;145(4):1188–95

Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. Moore JW, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):808–12

POLYMYALGIA RHEUMATICA

Polymyalgia rheumatica and persistent ESR elevation [letter] Grayson MF. **Br J Rheumatol** 1990 Aug;29(4):316

Treatment of polymyalgia rheumatica [letter] Kirwin JR. **Br J Rheumatol** 1990 Aug;29(4):316–7

POLYPS

Detection of intracavitary right ventricular polypoid masses due to metastatic lymphoma using contrast echocardiography. Schmidt DR, et al. **Am Heart J** 1990 Aug;120(2):446–9

Gallbladder cholesterolosis: an aetiological factor in acute pancreatitis of uncertain origin. Parrilla Paricio P, et al. **Br J Surg** 1990 Jul;77(7):735–6

Is evaluation of the right colon necessary prior to cecocystoplasty? Beshai AZ, et al. **J Urol** 1990 Aug;144(2 Pt 1):359–61

POLYRADICULONEURITIS

Guillain-Barré syndrome mimicking brainstem death. Coad NR, et al. **Anaesthesia** 1990 Jun;45(6):456–7

Electrodiagnostic abnormalities in 113 consecutive patients with Guillain-Barré syndrome. Ropper AH, et al. **Arch Neurol** 1990 Aug;47(8):881–7

POLYSACCHARIDES

Sulfated polysaccharides prevent human leukocyte elastase-induced acute lung injury and emphysema in hamsters. Rao NV, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):407–12

POLYSACCHARIDES, BACTERIAL

Antibody to the capsular polysaccharide/adhesin protects rabbits against catheter-related bacteremia due to coagulase-negative staphylococci. Kojima Y, et al. **J Infect Dis** 1990 Aug;162(2):435–41

POLYTETRAFLUOROETHYLENE

Experimental study of a new porous tracheal prosthesis. Guijarro Jorge R, et al. **Ann Thorac Surg** 1990 Aug; 50(2):281–7

Endoscopic correction of vesicoureteral reflux: our experience with 115 ureters. Farkas A, et al. **J Urol** 1990 Aug;144(2 Pt 2):534–6; discussion 545

POLYURIA

Maternal lithium therapy and polyhydramnios. Ang MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):517–9

POLYVINYLS

Submucosal injection of polyvinyl alcohol foam in rabbit bladder. Merguerian PA, et al. **J Urol** 1990 Aug;144(2 Pt 2):531–3; discussion 545

POPLITEAL ARTERY

Initial results and subsequent outcome of laser thermal-assisted balloon angioplasty of 56 consecutive femoropopliteal lesions. Feinberg RL, et al. **Am J Surg** 1990 Aug;160(2):166–9; discussion 169–70

POPULATION SURVEILLANCE

Demographic characteristics, risk behaviors, and HIV seroprevalence among intravenous drug users by site of contact: results from a community-wide HIV surveillance project. McCusker J, et al. **Am J Public Health** 1990 Sep; 80(9):1062–7

Report from the British Paediatric Surveillance Unit. Hall SM, et al. **Arch Dis Child** 1990 Jul;65(7):807–9

Child health surveillance. Bain J. **BMJ** 1990 May 26; 300(6736):1381–2

PORPHYRIA

Pseudoporphyria due to dyazide in a patient with vitiligo. Motley RJ. **BMJ** 1990 Jun 2;300(6737):1468

Porphyria cutanea tarda and haemochromatosis: a family study. Seymour DG, et al. **Gut** 1990 Jun;31(6):719–21

Porphyria cutanea tarda in human immunodeficiency virus-infected patients. Cohen PR, et al. **JAMA** 1990 Sep 12;264(10):1315–6

Acute intermittent porphyria [clinical conference] Sack GH Jr. **JAMA** 1990 Sep 12;264(10):1290–3

PORPHYRINS

Propofol, porphyria and epilepsy [letter] Parr MJ, et al. **Anaesthesia** 1990 Jul;45(7):594

Cutaneous photosensitivity and coproporphyrin abnormalities in the Alagille syndrome. Poh-Fitzpatrick MB, et al. **Gastroenterology** 1990 Sep;99(3):831–5

Studies with the haeme oxygenase inhibitor Sn-protoporphyrin in patients with primary biliary cirrhosis and idiopathic haemochromatosis. Berglund L, et al. **Gut** 1990 Aug;31(8):899–904

Zinc protoporphyrin administration for suppression of increased bilirubin production by iatrogenic hemolysis in rhesus neonates. Vreman HJ, et al. **J Pediatr** 1990 Aug; 117(2 Pt 1):292–7

PORTACAVAL SHUNT, SURGICAL

Enhanced hyperplasia of gastric enterochromaffinlike cells in response to omeprazole-evoked hypergastrinemia in rats with portacaval shunts. An immunocytochemical and chemical study. Axelson J, et al. **Gastroenterology** 1990 Sep; 99(3):635–40

PORTAL VEIN

Intrahepatic portosystemic venous shunt. Park JH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):527–8

Color Doppler sonography of the hepatic artery and portal venous system. Ralls PW. **AJR Am J Roentgenol** 1990 Sep; 155(3):517–25

The pulsatile portal vein in cases of congestive heart failure: correlation of duplex Doppler findings with right atrial pressures. Duerinckx AJ, et al. **Radiology** 1990 Sep; 176(3):655–8

Management of portal venous thrombosis in hepatic transplant recipients. Neuhaus P, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):251–2

POSITIVE PRESSURE RESPIRATION

Adverse effects of large tidal volume and low PEEP in canine acid aspiration. Corbridge TC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):311–5

Lung edema caused by high peak inspiratory pressures in dogs. Role of increased microvascular filtration pressure and permeability. Parker JC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):321–8

Circulatory effects of fast ventilator rates in preterm infants. Fenton AC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):662–6

Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Annat GJ, et al. **Chest** 1990 Aug;98(2):411–4

Treatment of obstructive sleep apnea. A preliminary report comparing nasal CPAP to nasal oxygen in patients with mild OSA. Phillips BA, et al. **Chest** 1990 Aug;98(2):325–30

Obstructive sleep apnea treated by independently adjusted inspiratory and expiratory positive airway pressures via nasal mask. Physiologic and clinical implications. Sanders MH, et al. **Chest** 1990 Aug;98(2):317–24

Use of a nasal continuous positive airway pressure mask in the treatment of postoperative atelectasis in aortocoronary bypass surgery. Pinilla JC, et al. **Crit Care Med** 1990 Aug; 18(8):836–40

Does continuous positive airway pressure compensate for loss of glottic function during tracheal intubation? Smith RA, et al. **Crit Care Med** 1990 Aug;18(8):848–50

Positive-pressure ventilation with positive end-expiratory pressure and atrial natriuretic peptide release. Teba L, et al. **Crit Care Med** 1990 Aug;18(8):831–5

Treatment of an infant with tracheobronchomalacia at home with a lightweight, high-humidity, continuous positive airway pressure system. Weigle CG. **Crit Care Med** 1990 Aug;18(8):892–4

POSTOPERATIVE COMPLICATIONS

Dissecting aortic aneurysm eight years after aortic commissurotomy for congenital aortic stenosis: detailed identification by transesophageal echocardiography. Porter T, et al. **Am Heart J** 1990 Sep;120(3):716–8

Necrotizing fasciitis of the total abdominal wall after sterilization by partial salpingectomy. Case report and review of literature. Cederna JP, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):138–9 (18 ref.)

Prevention of TUR syndrome by detection of trace ethanol in the expired breath. Hahn RG. **Anaesthesia** 1990 Jul; 45(7):577–81

Postoperative hypoxaemia: mechanisms and time course. Jones JG, et al. **Anaesthesia** 1990 Jul;45(7):566–73 (37 ref.)

Opisthotonus and other unusual neurological sequelae after outpatient anaesthesia. Saunders PR, et al. **Anaesthesia** 1990

Jul;45(7):552–7
Medical complications in total laryngectomy: incidence and risk factors. Arriaga MA, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):611–5
Pathogenicity of the enterococcus in surgical infections. Barie PS, et al. **Ann Surg** 1990 Aug;212(2):155–9 (76 ref.)
Prevention of postoperative complications in jaundiced rats. Internal biliary drainage versus oral lactulose. Greve JW, et al. **Ann Surg** 1990 Aug;212(2):221–7
Postoperative drainage and pericardial effusion [letter] Bryan AJ, et al. **Ann Thorac Surg** 1990 Aug;50(2):330
Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8
Paradoxical hypertension after repair of coarctation of the aorta: a review of its causes. Sealy WC. **Ann Thorac Surg** 1990 Aug;50(2):323–9 (101 ref.)
Determinants of pulmonary function in patients undergoing coronary bypass operations. Shapira N, et al. **Ann Thorac Surg** 1990 Aug;50(2):268–73
Pediatric heart transplantation [letter] Smyth RL, et al. **Ann Thorac Surg** 1990 Aug;50(2):333
Giant molluscum contagiosum following splenectomy [letter] Linberg JV, et al. **Arch Ophthalmol** 1990 Aug;108(8):1076
Postoperative Propionibacterium granulosum endophthalmitis [letter] Walker J, et al. **Arch Ophthalmol** 1990 Aug;108(8):1073–4
Initial trial of argon ion laser endarterectomy for peripheral vascular disease. Eugene J, et al. **Arch Surg** 1990 Aug; 125(8):1007–10; discussion 1010–1
Perioperative stroke risk in 173 consecutive patients with a past history of stroke. Landercasper J, et al. **Arch Surg** 1990 Aug;125(8):986–9
Perioperative deaths among children [editorial] Gough MH. **BMJ** 1990 Jun 23;300(6740):1606
Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine. Joyce W, et al. **Br Heart J** 1990 Jun;63(6):370–1
Retroperitoneal haematoma following orchidectomy: implications for staging computed tomography. Page JE, et al. **Br J Radiol** 1990 Jun;63(750):490–2
Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Russell SA, et al. **Br J Radiol** 1990 Jun;63(750):492–4
Painful lymphatic occlusion following axillary lymph node surgery. Marcus RT, et al. **Br J Surg** 1990 Jun;77(6):683
Elective abdominal surgery depresses muscle protein synthesis and increases subjective fatigue: effects lasting more than 30 days. Petersson B, et al. **Br J Surg** 1990 Jul; 77(7):796–800
Complications and local recurrence following lymphadenectomy. Shaw JH, et al. **Br J Surg** 1990 Jul; 77(7):760–4
Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Lavey RS, et al. **Cancer** 1990 Sep 1;66(5):874–81
Use of a nasal continuous positive airway pressure mask in the treatment of postoperative atelectasis in aortocoronary bypass surgery. Pinilla JC, et al. **Crit Care Med** 1990 Aug; 18(8):836–40
Needle knife papillotomy: how safe and how effective? Dowsett JF, et al. **Gut** 1990 Aug;31(8):905–8
Comparative values of the precordial and transesophageal approaches in the echocardiographic evaluation of atrial baffle function after an atrial correction procedure. Kaulitz R, et al. **J Am Coll Cardiol** 1990 Sep;16(3):686–94
Clostridium difficile infection in orthopaedic patients. Clarke HJ, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1056–9
Revision of residual deformities after operations for duplication of the thumb. Kawabata H, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):988–98
Perioperative blood loss associated with total knee arthroplasty. A comparison of procedures performed with and without cementing. Mylod AG Jr, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1010–2
Removal of forearm plates. A review of the complications. Langkamer VG, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):601–4
Prophylactic antibiotics and post-laryngectomy fistulae [letter] Hussain A, et al. **J Laryngol Otol** 1990 Jul;104(7):591
Bilateral choanal atresia: key to success with the transnasal approach. Singh B. **J Laryngol Otol** 1990 Jun;104(6):482–4
Antibiotic prophylaxis during prolonged clean neurosurgery. Results of a randomized double-blind study using oxacillin. Djindjian M, et al. **J Neurosurg** 1990 Sep;73(3):383–6
The loop-loosening procedure for urination difficulties after Stamey suspension of the vesical neck. Araki T, et al. **J Urol** 1990 Aug;144(2 Pt 1):319–22; discussion 322–3
Rupture of ileal neobladder due to urethral obstruction by mucous plug. Haupt G, et al. **J Urol** 1990 Sep;144(3):740–1
Single stage hypospadias reconstruction without fistula. Kass EJ, et al. **J Urol** 1990 Aug;144(2 Pt 2):520–2; discussion 530
The functional rectal bladder—prevention of hyperchloremic acidosis following vesico-sigmoidostomy in dogs. Miller K, et al. **J Urol** 1990 Aug;144(2 Pt 1):375–80
Visual disturbances, serum glycine levels and transurethral resection of the prostate. Mizutani AR, et al. **J Urol** 1990 Sep;144(3):697–9
Voiding dysfunction following cystourethropexy: its evaluation and management. Webster GD, et al. **J Urol** 1990 Sep;144(3):670–3
Corporeal perforation or undersized prosthesis? The role of corpus cavernosum endoscopy. Weese DL, et al. **J Urol** 1990 Sep;144(3):714–5; discussion 715–6
Hyperostosis: a strange complication after a vascularized bone transplantation from the iliac crest [letter] Hell B. **Plast Reconstr Surg** 1990 Sep;86(3):610
Temporary gastrostomy tubes in major gynecologic surgery. Wiedemann MA, et al. **South Med J** 1990 Aug;83(8):893–4
Predicting failure of low-dose prophylactic heparin in general surgical procedures. Wille-Jørgensen P, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):126–30
Detection of surgical pathogens by in vitro DNA amplification. Part I. Rapid identification of Candida albicans by in vitro amplification of a fungus-specific gene. Buchman TG, et al. **Surgery** 1990 Aug;108(2):338–46; discussion 346–7

POSTURE

Effect of maternal-fetal movement on concentration of cells obtained at genetic amniocentesis. Carlan SJ, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):490–3
Response of atrial natriuretic factor to postural change in patients with heart failure versus subjects with normal hemodynamics. Moe GW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):599–606
The Matrix seating system. Trail IA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):666–9
Prone positioning in infant gastroesophageal reflux: is elevation of the head worth the trouble? Orenstein SR. **J Pediatr** 1990 Aug;117(2 Pt 1):184–7
Does standing up improve the predictive value of the supine pressor test for gestational hypertension? Okonofua FE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):332–5
Relationship between performance of selected scapular muscles and scapular abduction in standing subjects [see comment] DiVeta J, et al. **Phys Ther** 1990 Aug;70(8):470–6; discussion 476–9. Comment on: Phys Ther 1990 Aug;70(8):467–9.
Reliability of a clinical kinematic assessment of the sit-to-stand movement. Jeng SF, et al. **Phys Ther** 1990 Aug;70(8):511–20

POTASSIUM

Pre-operative anxiety and serum potassium. McCleane GJ, et al. **Anaesthesia** 1990 Jul;45(7):583–5
Sodium and potassium intake and blood pressure change in childhood [letter] Sinclair L, et al. **BMJ** 1990 May 26; 300(6736):1397
Effects of high potassium concentration and dihydropyridine Ca2(+)-channel agonists on cytoplasmic Ca2+ and aldosterone production in rat adrenal glomerulosa cells. Balla T, et al. **Endocrinology** 1990 Aug;127(2):815–22

POVERTY

Homeless and housed families in Los Angeles: a study comparing demographic, economic, and family function characteristics [see comments] Wood D, et al. **Am J Public Health** 1990 Sep;80(9):1049–52. Comment in: Am J Public Health 1990 Sep;80(9):1039–40.
Comparison of risk factors for ill health in a sample of homeless and nonhomeless poor. Winkleby MA. **Public Health Rep** 1990 Jul-Aug;105(4):404–10

POWER SOURCES

Swallowed button batteries: is there a consensus on management? Studley JG, et al. **Gut** 1990 Aug;31(8):867–70

PRAZIQUANTEL

Metrifonate or praziquantel treatment improves physical fitness and appetite of Kenyan schoolboys with Schistosoma haematobium and hookworm infections. Latham MC, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):170–9

PREANESTHETIC MEDICATION

Beta-adrenoceptor blocking agents and anxiolysis [letter] Mackenzie JW, et al. **Anaesthesia** 1990 Jul;45(7):600–1
Pre-induction behaviour of children. A review of placebo-controlled trials of sedatives. Morgan-Hughes JO, et al. **Anaesthesia** 1990 Jun;45(6):427–35 (40 ref.)
Omeprazole for prophylaxis of acid aspiration in elective surgery. Ng Wingtin L, et al. **Anaesthesia** 1990 Jun; 45(6):436–8
Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. **Anesthesiology** 1990 Aug;73(2):230–5
Preanesthetic medication with rectal midazolam in children undergoing dental extractions. Roelofse JA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):791–7; discussion 797

PRECANCEROUS CONDITIONS

Risk of cancer in patients with gastric dysplasia. Follow-up study of 67 patients. Coma del Corral MJ, et al. **Cancer** 1990 May 1;65(9):2078–85
Iron-accumulating adenomatous hyperplastic nodule with malignant foci in the cirrhotic liver. Histopathologic, quantitative iron, and magnetic resonance imaging in vitro studies. Terada T, et al. **Cancer** 1990 May 1;65(9):1994–2000
Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Verhest A, et al. **Cancer** 1990 May 1;65(9):2047–54
Relation between severity and extent of precancerous lesions in the postoperative stomach. Savalgi RS, et al. **Lancet** 1990 Aug 18;336(8712):413–6
Preneoplastic lesions induced by myc and src oncogenes in reconstituted mouse bladder. Wagner HE, et al. **Surgery** 1990 Aug;108(2):146–52; discussion 152–3

PREDICTIVE VALUE OF TESTS

Definition of terms used to judge the efficacy of diagnostic tests: a graphic approach. Brismar J, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):621–3
Formulas predicting the percentile of serum cholesterol levels by age in adults. Chung SJ. **Arch Pathol Lab Med** 1990 Aug;114(8):869–75
Interpretation of diagnostic cytology with likelihood ratios. Giard RW, et al. **Arch Pathol Lab Med** 1990 Aug; 114(8):852–4

PREDNISOLONE

A controlled trial of corticosteroids in children with corrosive injury of the esophagus [see comments] Anderson KD, et al. **N Engl J Med** 1990 Sep 6;323(10):637–40. Comment in: N Engl J Med 1990 Sep 6;323(10):668–70.
Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] Lovejoy FH Jr. **N Engl J Med** 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep 6;323(10):637–40.

PREDNISONE

Nonionic vs ionic contrast media: corticosteroid pretreatment in a private practice [letter] Seibert CE. **AJR Am J Roentgenol** 1990 Sep;155(3):652
A controlled trial of corticosteroids in children with corrosive injury of the esophagus [see comments] Anderson KD, et al. **N Engl J Med** 1990 Sep 6;323(10):637–40. Comment in: N Engl J Med 1990 Sep 6;323(10):668–70.
Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] Lovejoy FH Jr. **N Engl J Med** 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep 6;323(10):637–40.

PRE-ECLAMPSIA

Zinc, preeclampsia, and gamma-aminobutyric acid [letter] Brophy MH. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):242–3
Plasma atrial arginine vasopressin levels vary little between preeclamptic and control patients [letter] Elias AN, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):245
Preeclampsia in diabetic pregnancies. Garner PR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):505–8
Epidemiology of preeclampsia and eclampsia in the United States, 1979–1986. Saftlas AF, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):460–5
Pre-eclampsia and HLA-DR4 [letter] Wilton AN, et al. **Lancet** 1990 Aug 4;336(8710):323
Platelets and the beginnings of preeclampsia [editorial; comment] Redman CW. **N Engl J Med** 1990 Aug 16; 323(7):478–80. Comment on: N Engl J Med 1990 Aug 16;323(7):434–8.
Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women [see comments] Zemel MB, et al. **N Engl J Med** 1990 Aug 16;323(7):434–8. Comment in: N Engl J Med 1990 Aug 16;323(7):478–80.

PRE-EXCITATION SYNDROMES

Catheter ablation of Mahaim fibers with preservation of atrioventricular nodal conduction. Haissaguerre M, et al. **Circulation** 1990 Aug;82(2):418–27
The electrocardiogram in patients with multiple accessory atrioventricular pathways. Wellens HJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):745–51

PREGNADIENES

Clinical effects of danazol on endometrial hyperplasia in menopausal and postmenopausal women. Soh E, et al. **Cancer** 1990 Sep 1;66(5):983–8

PREGNANCY

Maternal and fetal responses to the stresses of lactation concurrent with pregnancy and of short recuperative intervals. Merchant K, et al. **Am J Clin Nutr** 1990 Aug; 52(2):280–8
Energy cost of physical activity throughout pregnancy and the first year postpartum in Dutch women with sedentary lifestyles. van Raaij JM, et al. **Am J Clin Nutr** 1990 Aug; 52(2):234–9

Inhibitory cofactor of antiphospholipid antibody in normal pregnancy sera [letter] Cheng HM. **Am J Obstet Gynecol** 1990 Aug;163(2):701
Maternal serum alpha-fetoprotein in pregnancy [letter] Gilchrist DM, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):692-3
Interrelationship between atrial natriuretic factor concentrations and acute volume expansion in pregnant and nonpregnant women. Hatjis CG, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):45-50
Assessment of cerebral hemodynamics in pregnant women by internal carotid artery pulsed Doppler velocimetry. Ikeda T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):494-8
Gestational changes in mechanical properties of skinned muscle tissues of human myometrium. Izumi H, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):638-47
The effect of adjusting maternal serum alpha-fetoprotein levels for maternal weight in pregnancies with fetal open spina bifida. A United States collaborative study. Johnson AM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):9-11
Maternal serum alpha-fetoprotein level useful screening test [letter] Lao T. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):240
Mifepristone (RU 486) failure in an ovarian heterotopic pregnancy. Levin JH, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):543-4
HBcAg identification in the placental cytotypes of symptom-free HBsAg-carrier mothers: a study with the immunoperoxidase method. Lucifora G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):235-9
Comparisons of glycosylated and nonglycosylated amniotic fluid prolactins in normal second- and third-trimester pregnancies. McCoshen J, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):81-5
Blood pressure measured telemetrically from home throughout pregnancy. Mooney P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):30-6
Relation between maternal-to-fetal blood glucose gradient and uterine and umbilical Doppler blood flow measurements. Economides DL, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):543-4
Abdominal decompression: new data from a previous study. Hofmeyr GJ, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):547-8
Thrombin-antithrombin III complex levels in normal pregnancy with hypertensive disorders and after delivery. Reintnaller A, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):506-10
Thyroid status in normal pregnancy [editorial] Burrow GH. **J Clin Endocrinol Metab** 1990 Aug;71(2):274-5 (8 ref.)
Regulation of maternal thyroid during pregnancy. Glinoer D, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):276-87
The 24-hour pattern of the levels of serum progesterone and immunoreactive human chorionic gonadotropin in normal early pregnancy. Nakajima ST, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):345-53
The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):284-6
AMA-RPS takes stand on maternal-fetal conflict. **JAMA** 1990 Sep 12;264(10):1245
Preconception care. Risk reduction and health promotion in preparation for pregnancy. Jack BW, et al. **JAMA** 1990 Sep 5;264(9):1147-9
Tolerance and the fetal graft [editorial] **Lancet** 1990 Sep 1; 336(8714):538-9
Isolation of fetal trophoblast cells from peripheral blood of pregnant women. Mueller UW, et al. **Lancet** 1990 Jul 28; 336(8709):197-200
Gross and histologic examination of tubal ligation failures in a residency training program. Stovall TG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):461-5
Maternal obesity: a potential source of error in sonographic prenatal diagnosis. Wolfe HM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):339-42

PREGNANCY, ABDOMINAL

An abdominal pregnancy 10 years after treatment for pelvic tuberculosis. Durukan T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):594-5

PREGNANCY, ANIMAL

Alteration of 24-hour rhythms in myometrial activity in the chronically catheterized pregnant rhesus monkey after a 6-hour shift in the light-dark cycle. Figueroa JP, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):648-54
Role of the endothelium in adrenergic responses of mesenteric artery rings of pregnant rats. Parent A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):229-34
Regulation of serum insulin-like growth factor-I (IGF-I) and IGF binding proteins during rat pregnancy. Davenport ML, et al. **Endocrinology** 1990 Sep;127(3):1278-86
Oxytocin and vasopressin receptors in bovine endometrium and myometrium during the estrous cycle and early pregnancy. Fuchs AR, et al. **Endocrinology** 1990 Aug; 127(2):629-36
Myometrial oxytocin receptors levels in the pregnant rat are higher in distal than in proximal portions of the horn and correlate with disparate oxytocin responsive myometrial contractility in these segments. Gorodeski GI, et al. **Endocrinology** 1990 Sep;127(3):1136-43
Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Steinetz BG, et al. **Endocrinology** 1990 Sep;127(3):1057-63

PREGNANCY COMPLICATIONS

Maternal body weight and pregnancy outcome. Naeye RL. **Am J Clin Nutr** 1990 Aug;52(2):273-9
Recurrent acute fatty liver of pregnancy. Barton JR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):534-8
Cocaine-related maternal death. Burkett G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):40-1
Sapphire probes in obstetric laser surgery [letter] Corson SL. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):246-7
Chronic renal disease and pregnancy outcome. Cunningham FG, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):453-9
Use of the T-ACE questions to detect risk-drinking [letter] Elliot DL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):684-5
Maternal serum alpha-fetoprotein in pregnancy [letter] Gilchrist DM, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):692-3
Rupture of unscarred uterus in primigravid woman in association with cocaine abuse. Gonsoulin W, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):526-7
Maternal serum alpha-fetoprotein level useful screening test [letter] Lao T. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):240
Pregnancy outcomes in women with primary Raynaud's phenomenon. Kahl LE, et al. **Arthritis Rheum** 1990 Aug; 33(8):1249-55
Uterine artery Doppler in the investigation of pregnancies with raised maternal serum alpha-fetoprotein. Aristidou A, et al. **Br J Obstet Gynaecol** 1990 May;97(5):431-5
Successful outcome of pregnancy with severe hypothyroidism. Case report and literature review. Balen AH, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):536-9 (25 ref.)
Intrauterine growth is related to gestational pulmonary function in pregnant asthmatic women. Kaiser-Permanente Asthma and Pregnancy Study Group. Schatz M, et al. **Chest** 1990 Aug;98(2):389-92
Management of pregnancy after augmentation cystoplasty. Hill DE, et al. **J Urol** 1990 Aug;144(2 Pt 2):457-9; discussion 460
Management of epilepsy during pregnancy and lactation. Brodie MJ. **Lancet** 1990 Aug 18;336(8712):426-7
Maternal lithium therapy and polyhydramnios. Ang MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):517-9
Hypercalcemia in a calcitriol-treated hypoparathyroid woman during lactation. Caplan RH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):485-9
Maternal mortality in New York City, 1981-1983. Dorfman SF. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):317-23
Prenatal diagnosis of chondrodysplasia punctata by sonography. Duff P, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):497-500
Severe congestive heart failure and cardiomyopathy as a complication of myotonic dystrophy in pregnancy. Fall LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):481-5
Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Hill LM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):500-2
Cocaine in the cradle: a hidden epidemic. Giacoia GP. **South Med J** 1990 Aug;83(8):947-51 (38 ref.)
Impact of advanced maternal age on the outcome of pregnancy. Ales KL, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):209-16

PREGNANCY COMPLICATIONS, CARDIOVASCULAR

Sinusoidal fetal heart rate pattern during cardiopulmonary bypass. Burke AB, et al. **Am J Obstet Gynecol** 1990 Jul; 163(1 Pt 1):17-8
Intracellular sodium levels in pregnant women with hypertension [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):261-2
Effect of mitral valve prosthetic surgery on the outcome of a growth-retarded fetus. A case report. Izquierdo LA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):584-6
Beta-adrenergic receptor blockade in the management of pregnant women with mitral stenosis. al Kasab SM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):37-40
Laboratory identification of the lupus anticoagulant in normal pregnancy and pregnancy-induced hypertension [letter] Riveros DA, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):704-5
Thrombin-antithrombin III complex levels in normal pregnancy with hypertensive disorders and after delivery. Reinthaller A, et al. **Br J Obstet Gynaecol** 1990 Jun; 97(6):506-10
Acute myocardial infarction with cardiogenic shock during pregnancy: treatment with intra-aortic balloon counterpulsation. Allen JN, et al. **Crit Care Med** 1990 Aug; 18(8):888-9
Severe congestive heart failure and cardiomyopathy as a complication of myotonic dystrophy in pregnancy. Fall LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):481-5
Pregnancy complicated by hemoglobin CC and C-beta-thalassemia disease. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):324-7
Does standing up improve the predictive value of the supine pressor test for gestational hypertension? Okonofua FE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):332-5

PREGNANCY COMPLICATIONS, HEMATOLOGIC

Epidural anaesthesia and von Willebrand's disease. Milaskiewicz RM, et al. **Anaesthesia** 1990 Jun;45(6):462-4
The rational use of coagulation studies in obstetrics: an audit. Basu SN, et al. **Br J Obstet Gynaecol** 1990 May;97(5):452-4
Thrombotic thrombocytopenic purpura in pregnancy with maternal and fetal survival. Case report. Maina A, et al. **Br J Obstet Gynaecol** 1990 May;97(5):443-5
Plasmapheresis during pregnancy. Watson WJ, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):451-7 (57 ref.)

PREGNANCY COMPLICATIONS, INFECTIOUS

The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Minkoff HL, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):521-6
The importance of considering clinical usefulness in the evaluation of medical laboratory tests [letter] Sever JL. **Am J Obstet Gynecol** 1990 Aug;163(2):678-9
Reduced reproductive efficiency in mice with schistosomiasis mansoni and in uninfected pregnant mice injected with antibodies against Schistosoma mansoni soluble egg antigens. Amano T, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):180-5
Viral infections during pregnancy: a guide for the emergency physician. Ellis GL, et al. **Ann Emerg Med** 1990 Jul; 19(7):802-11 (96 ref.)
Maternal and fetal screening [letter] **BMJ** 1990 Jun 9; 300(6738):1526-7
Listeriosis revisited: the role of the obstetrician [letter] Frappell J, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):550-1
Population-based risk factors for neonatal group B streptococcal disease: results of a cohort study in metropolitan Atlanta. Schuchat A, et al. **J Infect Dis** 1990 Sep;162(3):672-7
Survival after rabies immunisation in newborn infant of affected mother [letter] Lumbiganon P, et al. **Lancet** 1990 Aug 4;336(8710):319
Acquired immunodeficiency syndrome and Pneumocystis carinii infection in a pregnant woman. Hicks ML, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):480-1
Maternal group B streptococcal vertebral osteomyelitis: an unusual complication of vaginal delivery. Lischke JH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):489-91
Isolation of Chlamydia trachomatis from amniotic fluid. Thomas GB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):519-20

PREGNANCY COMPLICATIONS, NEOPLASTIC

Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Bardeguez A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):42-5
Spontaneous resolution of a nuchal fetal cystic hygroma diagnosed early in the second trimester of pregnancy [letter] Meizner I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):267-9
Discrepancy in the diagnoses of hydatidiform mole by macroscopic and microscopic findings and the deoxyribonucleic acid fingerprint method. Takahashi H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):112-3
Acromegaly first diagnosed in pregnancy: the role of bromocriptine therapy. Yap AS, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):477-8
Pelvic masses in pregnancy: MR imaging. Kier R, et al. **Radiology** 1990 Sep;176(3):709-13
Abortion in patients with a liver mass [letter] Doherty MG. **South Med J** 1990 Aug;83(8):982-3

PREGNANCY, ECTOPIC

Heterotopic pregnancy associated with assisted reproductive technology [letter] Dimitry ES, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):244-5
Caution in use of new test for ectopic pregnancy [letter] Haas ST. **Am J Obstet Gynecol** 1990 Aug;163(2):694-5
Changes in the incidence of ectopic pregnancy in Hungary [letter] Jakobovits AA. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):265-6
Use of serial human chorionic gonadotropin measurements to differentiate between intrauterine and ectopic pregnancies [letter] Kadar N. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):259-61
Transabdominal and transvaginal ultrasonography in the diagnosis of ectopic pregnancy: a comparative study. Kivikoski AI, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):123-8
Conservative treatment of ovarian pregnancy by local prostaglandin F2 alpha injection [letter] Koike H, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):696
Mifepristone (RU 486) failure in an ovarian heterotopic

pregnancy. Levin JH, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):543–4
Treatment of cervical pregnancy with methotrexate [letter] Sherer DM. **Am J Obstet Gynecol** 1990 Aug;163(2):693–4
Primary ovarian twin pregnancy. Case report. Panda JK. **Br J Obstet Gynaecol** 1990 Jun;97(6):540–1
Uterine serosal trophoblastic implant after linear salpingostomy for ectopic pregnancy at laparotomy. Cataldo NA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):523–5
Serial beta-hCG measurements in the early detection of ectopic pregnancy [letter] Kadar N. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):475–7

PREGNANCY IN ADOLESCENCE

Adolescent pregnancy: can we solve the problem? [editorial; comment] Repke JT. **Mayo Clin Proc** 1990 Aug; 65(8):1152–4. Comment on: Mayo Clin Proc 1990 Aug;65(8):1061–6.
A proposal for obstetric and pediatric management of adolescent pregnancy [see comments] Van Winter JT, et al. **Mayo Clin Proc** 1990 Aug;65(8):1061–6. Comment in: Mayo Clin Proc 1990 Aug;65(8):1152–4.
Perinatal drug abuse [letter] **Pediatrics** 1990 Sep;86(3):492–4

PREGNANCY IN DIABETES

Ascertainment bias in diabetic outcome data [letter] FitzSimmons J, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):682–3
Preeclampsia in diabetic pregnancies. Garner PR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):505–8
Glucose tolerance in pregnancy: ethnic variation and influence of body habitus. Green JR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):86–92
Gestational diabetes mellitus: the prevalence of glucose intolerance and diabetes mellitus in the first two months post partum. Kjos SL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):93–8
Diabetic ketoacidosis and insulin resistance with subcutaneous terbutaline infusion: a case report. Tibaldi JM, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):509–10
Alterations in transfer and lipid distribution of arachidonic acid in placentas of diabetic pregnancies. Kuhn DC, et al. **Diabetes** 1990 Aug;39(8):914–8
Leukocyte counts in infants of diabetic mothers [letter] Herson VC. **J Pediatr** 1990 Aug;117(2 Pt 1):341

PREGNANCY, MULTIPLE

Twin pregnancy complicated by single intrauterine death. Problems and outcome with conservative management. Fusi L, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):511–6
Primary ovarian twin pregnancy. Case report. Panda JK. **Br J Obstet Gynaecol** 1990 Jun;97(6):540–1
Multifetal pregnancy in a gonadal dysgenesis mosaic. Bardeguez AD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):502–4

PREGNANCY OUTCOME

Maternal body weight and pregnancy outcome. Naeye RL. **Am J Clin Nutr** 1990 Aug;52(2):273–9
Chronic renal disease and pregnancy outcome. Cunningham FG, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):453–9
A comparison of tocolysis with nifedipine or ritodrine: analysis of efficacy and maternal, fetal, and neonatal outcome. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):105–11
Ascertainment bias in diabetic outcome data [letter] FitzSimmons J, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):682–3
Recurrent adverse pregnancy outcome and antiphospholipid antibodies. Reece EA, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):162–9 (69 ref.)
Pregnancy outcomes in women with primary Raynaud's phenomenon. Kahl LE, et al. **Arthritis Rheum** 1990 Aug; 33(8):1249–55
Obstetric accidents: a review of 64 cases. Ennis M, et al. **BMJ** 1990 May 26;300(6736):1365–7
Successful outcome of pregnancy with severe hypothyroidism. Case report and literature review. Balen AH, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):536–9 (25 ref.)
Thrombotic thrombocytopenic purpura in pregnancy with maternal and fetal survival. Case report. Maina A, et al. **Br J Obstet Gynaecol** 1990 May;97(5):443–5
Patient selection and outcomes for out-of-hospital births in one family practice [see comments] Acheson LS, et al. **J Fam Pract** 1990 Aug;31(2):128–36. Comment in: J Fam Pract 1990 Aug;31(2):125–7.
Markedly elevated maternal serum alpha-fetoprotein associated with a normal fetus and choriocarcinoma of the placenta. Ollendorff DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):494–7
Pregnancy and medical cost outcomes of a self-help prenatal smoking cessation program in a HMO. Ershoff DH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):340–7
Impact of advanced maternal age on the outcome of pregnancy. Ales KL, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):209–16

PREGNANCY, PROLONGED

Prolongation of pregnancy and survival of second twin [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270–1

PREGNANCY, TUBAL

Critical comments on the treatment of tubal pregnancy with prostaglandins [letter] Dietl J, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):707–8
Laparoscopic diagnosis and treatment of interstitial ectopic pregnancy: a case report. Pasic R, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):587–8

PREGNENEDIONES

The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. De Baets FM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):581–6

PREGNENOLONE

The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114–20

PREMARITAL EXAMINATIONS

Premarital screening for antibodies to human immunodeficiency virus type 1 in the United States. The Premarital Screening Study Group. Petersen LR, et al. **Am J Public Health** 1990 Sep;80(9):1087–90

PREMEDICATION

A comparison of the effects of omeprazole and ranitidine on gastric secretion in women undergoing elective caesarean section. Ewart MC, et al. **Anaesthesia** 1990 Jul; 45(7):527–30
Addition of parenteral cefoxitin to regimen of oral antibiotics for elective colorectal operations. A randomized prospective study. Schoetz DJ Jr, et al. **Ann Surg** 1990 Aug;212(2):209–12
Preventing IUCD-related pelvic infection: the efficacy of prophylactic doxycycline at insertion. Sinei SK, et al. **Br J Obstet Gynaecol** 1990 May;97(5):412–9
Antibiotic prophylaxis for cesarean delivery: is an extended-spectrum agent necessary? Carlson C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):343–6
Use of antimicrobials for patients undergoing prostatectomy. Hofer DR, et al. **Urol Clin North Am** 1990 Aug; 17(3):595–600 (36 ref.)

PREMENSTRUAL SYNDROME

Debate on late luteal phase dysphoric disorder [letter] Hamilton JA, et al. **Am J Psychiatry** 1990 Aug; 147(8):1106–7
Caffeine-containing beverages, total fluid consumption, and premenstrual syndrome. Rossignol AM, et al. **Am J Public Health** 1990 Sep;80(9):1106–10
Reduced atrial natriuretic peptide concentrations in premenstrual syndrome. Hussain SY, et al. **Br J Obstet Gynaecol** 1990 May;97(5):397–401

PRENATAL CARE

Ethics and routine ultrasonography in pregnancy [letter] Ewigman B, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):256–8
Magnesium supplementation in pregnancy [letter] Spätling L, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):240–1
Maternal and fetal screening for antenatal care [letter] Penketh R, et al. **BMJ** 1990 Jun 23;300(6740):1653–4
Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy. The Helsinki Ultrasound Trial. Saari-Kemppainen A, et al. **Lancet** 1990 Aug 18;336(8712):387–91
Adolescent pregnancy: can we solve the problem? [editorial; comment] Repke JT. **Mayo Clin Proc** 1990 Aug; 65(8):1152–4. Comment on: Mayo Clin Proc 1990 Aug;65(8):1061–6.
A proposal for obstetric and pediatric management of adolescent pregnancy [see comments] Van Winter JT, et al. **Mayo Clin Proc** 1990 Aug;65(8):1061–6. Comment in: Mayo Clin Proc 1990 Aug;65(8):1152–4.
Pregnancy and medical cost outcomes of a self-help prenatal smoking cessation program in a HMO. Ershoff DH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):340–7

PRENATAL DIAGNOSIS

Transvaginal ultrasonographic detection of congenital anomalies in the first trimester. Cullen MT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):466–76
Prenatal diagnosis of congenital cytomegalovirus infection: two decades later. Grose C, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):447–50
In utero detection of cardiac failure from an aneurysm of the vein of Galen. Jeanty P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):50–1
The effect of adjusting maternal serum alpha-fetoprotein levels for maternal weight in pregnancies with fetal open spina bifida. A United States collaborative study. Johnson AM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):9–11
Study of internal structure of the human fetus in utero by echo-planar magnetic resonance imaging. Johnson IR, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):601–7
Appropriate screening tests [letter] Nagey DA. **Am J Obstet Gynecol** 1990 Aug;163(2):688–9
Prenatal diagnosis of a chest wall mass with ultrasonography and Doppler velocimetry. A case report. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):567–9
Accuracy of apical four-chamber view as screen for congenital heart disease [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):249–50
Antenatal diagnosis of abdominal wall defects: a missed opportunity? Roberts JP, et al. **Arch Dis Child** 1990 Jul; 65(7 Spec No):687–9
Listeriosis revisited: the role of the obstetrician [letter] Frappell J, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):550–1
Ultrasound in pregnancy [letter] Smith CB. **J Fam Pract** 1990 Aug;31(2):120–1
The postnatal management of hydronephrosis diagnosed by prenatal ultrasound. Ransley PG, et al. **J Urol** 1990 Aug; 144(2 Pt 2):584–7; discussion 593–4
Absence of need for amniocentesis in patients with elevated levels of maternal serum alpha-fetoprotein and normal ultrasonographic examinations. Nadel AS, et al. **N Engl J Med** 1990 Aug 30;323(9):557–61
Late diagnosis of nonconjoined monoamniotic twins using computed tomographic imaging: a case report. Carlan SJ, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):504–6
Prenatal diagnosis of chondrodysplasia punctata by sonography. Duff P, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):497–500
Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Hill LM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):500–2
Diagnosis of vasa previa with transvaginal and color flow Doppler ultrasound. Nelson LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):506–9
Prenatal sonographic findings of Down syndrome: review of 94 cases. Nyberg DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):370–7
Fetal blood sampling in the management of intrauterine thyrotoxicosis. Porreco RP, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):509–12
Prenatal diagnosis of fetal hyperthyroidism using funipuncture. Wenstrom KD, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):513–7

PRENATAL EXPOSURE DELAYED EFFECTS

Colposcopy in diethylstilbestrol-exposed offspring [letter] Gimbel GL. **Am J Obstet Gynecol** 1990 Aug;163(2):703
Maternal glucocorticoid therapy and reduced risk of bronchopulmonary dysplasia. Van Marter LJ, et al. **Pediatrics** 1990 Sep;86(3):331–6

PREOPERATIVE CARE

Preoperative H2-receptor antagonists [letter] Gorback MS. **Anesth Analg** 1990 Aug;71(2):205–6
Prevention of postoperative complications in jaundiced rats. Internal biliary drainage versus oral lactulose. Greve JW, et al. **Ann Surg** 1990 Aug;212(2):221–7

PREOPTIC AREA

Expression of neural 5 alpha-reductase messenger ribonucleic acid: comparison to 5 alpha-reductase activity during prenatal development in the rat. Lephart ED, et al. **Endocrinology** 1990 Sep;127(3):1121–8

PRESBYOPIA

Can't see the salt [letter] Hindle NW. **N Engl J Med** 1990 Aug 16;323(7):488

PRESCRIPTIONS, DRUG

Benefits, risks, and costs of prescription drugs: a scientific basis for evaluating policy options. Anderson GM, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):111–9
Prescribing psychologists [letter] Menendez T. **JAMA** 1990 Sep 12;264(10):1250–1

PRESCRIPTIONS, NON-DRUG

Benzodiazepines in a health-catalog product [letter] DuPont RL, et al. **JAMA** 1990 Aug 8;264(6):695

PRESSORECEPTORS

Mechanism of decreased baroreceptor activity in chronic hypertensive rabbits. Role of endogenous prostanoids. Xie PL, et al. **J Clin Invest** 1990 Aug;86(2):625–30
An effect of trauma on human cardiovascular control: baroreflex suppression. Anderson ID, et al. **J Trauma** 1990 Aug;30(8):974–81; discussion 981–2

PRESSURE

Peak pressures in the forefoot. Bransby-Zachary MA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):718-21

PREVENTIVE MEDICINE

From the Secretary of Health and Human Services. Sullivan LW. **JAMA** 1990 Sep 5;264(9):1091

PRIAPISM

Priapism associated with buspar [letter] Coates NE. **South Med J** 1990 Aug;83(8):983

PRIMAQUINE

From the Centers for Disease Control. Availability of primaquine phosphate. **JAMA** 1990 Aug 22-29;264(8):953

PRIMARY HEALTH CARE

The nature of patients' requests for physicians' help. Eisenthal S, et al. **Acad Med** 1990 Jun;65(6):401-5

A physician's guide to coordinating oral health and primary care. Shuman SK. **Geriatrics** 1990 Aug;45(8):47-51, 54, 57 (17 ref.)

Helping patients live with multiple sclerosis. What primary care physicians can do. Rudick RA. **Postgrad Med** 1990 Aug;88(2):197-200, 203-4, 207 (25 ref.)

PRIMARY NURSING CARE

The nursing shortage: dynamics and solutions. A supportive clinical practice model. Freeman BA, et al. **Nurs Clin North Am** 1990 Sep;25(3):551-60

PRIMARY PREVENTION

A total audit of preventive procedures in 45 practices caring for 430,000 patients. Lawrence M, et al. **BMJ** 1990 Jun 9;300(6738):1501-3

PRISONERS

HIV seroprevalence and the acceptance of voluntary HIV testing among newly incarcerated male prison inmates in Wisconsin. Hoxie NJ, et al. **Am J Public Health** 1990 Sep; 80(9):1129-31

Risk behaviours for HIV infection among drug users in prison. Carvell AL, et al. **BMJ** 1990 May 26; 300(6736):1383-4

PRIVATE PRACTICE

Transference phenomena in medical practice: being whom the patient needs. Zinn WM. **Ann Intern Med** 1990 Aug 15;113(4):293-8

PROBABILITY

Detection of excess disease near an exposure point: a case study. Schulman J, et al. **Arch Environ Health** 1990 May-Jun;45(3):168-74

PROBENECID

Zidovudine with probenecid [letter] Duckworth AS, et al. **Lancet** 1990 Aug 18;336(8712):441

PROBLEM SOLVING

The problem-based curriculum at Bowman Gray School of Medicine. Philp JR, et al. **Acad Med** 1990 Jun;65(6):363-4

Strengthening hospital nursing. How to use problem-solving teams effectively. Dailey RC. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):24-9

PROCAINAMIDE

Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Aronow WS, et al. **Am J Cardiol** 1990 Aug 15;66(4):423-8

Drug-induced torsades de pointes: role of early afterdepolarizations and dispersion of repolarization. Habbab MA, et al. **Am J Med** 1990 Aug;89(2):241-6

PRODUCT SURVEILLANCE, POSTMARKETING

Pharmacoepidemiology: current status, prospects, and problems. Strom BL, et al. **Ann Intern Med** 1990 Aug 1; 113(3):179-81 (25 ref.)

Defibrillator failures. Causes of problems and recommendations for improvement. Defibrillator Working Group. Cummins RO, et al. **JAMA** 1990 Aug 22-29; 264(8):1019-25

Anti-motility drugs for infants [letter] **Lancet** 1990 Aug 4; 336(8710):314

PROFESSIONAL PRACTICE

Women in medicine: practice patterns and attitudes. Williams AP, et al. **Can Med Assoc J** 1990 Aug 1;143(3):194-201

From the Health Resources and Services Administration. Harmon RG. **JAMA** 1990 Aug 22-29;264(8):945

Swimming with the sharks—without the family being eaten alive. Moore EE. **Surgery** 1990 Aug;108(2):125-38

PROFESSIONAL REVIEW ORGANIZATIONS

Professional review organization utilization and quality review process [letter] Danielson JR. **Plast Reconstr Surg** 1990 Sep;86(3):604

PROFESSIONAL STAFF COMMITTEES

The committee meeting alternative. Using the Delphi technique. Whitman NI. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):30-6

PROGESTERONE

Effects on bone of surgical menopause and estrogen therapy with or without progesterone replacement in cynomolgus monkeys. Jayo MJ, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):614-8

Cervical cancer: role for progesterone during pregnancy and contraception? [letter] Stendahl U, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):685-6

Relationship between CA 125 and progesterone production in women with ovarian carcinoma. Mählck CG, et al. **Cancer** 1990 May 1;65(9):2058-63

Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Chandrasekher YA, et al. **Endocrinology** 1990 Aug;127(2):926-33

Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Dalkin AC, et al. **Endocrinology** 1990 Aug;127(2):798-806

The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Demura T, et al. **Endocrinology** 1990 Sep;127(3):1114-20

Lengthening the bovine estrous cycle with low levels of exogenous progesterone: a model for studying ovarian follicular dominance. Sirois J, et al. **Endocrinology** 1990 Aug;127(2):916-25

Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Steinetz BG, et al. **Endocrinology** 1990 Sep;127(3):1057-63

Rapid augmentation by progesterone of agonist-stimulated luteinizing hormone secretion by cultured pituitary cells. Turgeon JL, et al. **Endocrinology** 1990 Aug;127(2):773-80

The 24-hour pattern of the levels of serum progesterone and immunoreactive human chorionic gonadotropin in normal early pregnancy. Nakajima ST, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):345-53

Recurrence of puerperal psychosis not prevented by prophylactic progesterone administration. Murray d. **J Nerv Ment Dis** 1990 Aug;178(8):537-8

PROGNATHISM

Assessment of the stability of mandibular setback procedures with rigid fixation. Sorokolit CA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):817-22

PROGRAM EVALUATION

The need for coding systems to evaluate emergency medicine residency programs [editorial] Tintinalli JE. **Ann Emerg Med** 1990 Jul;19(7):827-8

A blueprint for injury control in the United States. Viano DC. **Public Health Rep** 1990 Jul-Aug;105(4):329-33

PROLACTIN

Comparisons of glycosylated and nonglycosylated amniotic fluid prolactins in normal second- and third-trimester pregnancies. McCoshen J, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):81-5

Plasma prolactin as an indicator of disease progression in advanced breast cancer. Bhatavdekar JM, et al. **Cancer** 1990 May 1;65(9):2028-32

Reorientation of prostaglandin F secretion by calcium ionophore, estradiol, and prolactin in perifused porcine endometrium. Gross TS, et al. **Endocrinology** 1990 Aug; 127(2):637-42

Growth hormone and prolactin secretion in cultured somatomammotroph cells. Kashio Y, et al. **Endocrinology** 1990 Sep;127(3):1129-35

Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823-31

Dopamine inhibits two characterized voltage-dependent calcium currents in identified rat lactotroph cells. Lledo PM, et al. **Endocrinology** 1990 Sep;127(3):990-1001

Medium hyposmolarity stimulates prolactin secretion in GH4C1 cells by inducing an increase in cytosolic free calcium. Sato N, et al. **Endocrinology** 1990 Aug; 127(2):957-64

Calcitonin inhibits basal and thyrotropin-releasing hormone-induced release of prolactin from anterior pituitary cells: evidence for a selective action exerted proximal to secretagogue-induced increases in cytosolic Ca2+. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):621-8

Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Steinetz BG, et al. **Endocrinology** 1990 Sep;127(3):1057-63

Glycosylated human prolactin: alterations in glycosylation pattern modify affinity for lactogen receptor and values in prolactin radioimmunoassay. Haro LS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):379-83

Effects of a new prolactin inhibitor, CV 205-502, in the treatment of human macroprolactinomas. Khalfallah Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):354-9

PROLINE

Plasma proline kinetics and concentrations in young men in response to dietary proline deprivation. Jaksic T, et al. **Am J Clin Nutr** 1990 Aug;52(2):307-12

PROMOTER REGIONS (GENETICS)

Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352-61

Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Van LP, et al. **Endocrinology** 1990 Sep;127(3):1412-8

PRO-OPIOMELANOCORTIN

Analysis of endocrine active and clinically silent corticotropic adenomas by in situ hybridization. Lloyd RV, et al. **Am J Pathol** 1990 Aug;137(2):479-88

PROPAFENONE

Propafenone: a promising new antiarrhythmic agent. Shen EN. **Chest** 1990 Aug;98(2):434-41 (65 ref.)

PROPANEDIOLS

Hyperosmolality related to propylene glycol in an infant treated with enoximone infusion. Huggon I, et al. **BMJ** 1990 Jul 7;301(6742):19-20

PROPANOLAMINES

Effect of beta-adrenergic blockade on myocardial function and energetics in congestive heart failure. Improvements in hemodynamic, contractile, and diastolic performance with bucindolol. Eichhorn EJ, et al. **Circulation** 1990 Aug; 82(2):473-83

Esmolol for treatment of intraoperative tachycardia and/or hypertension in patients having cardiac operations. Bolus loading technique. Reves JG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):221-7

Xamoterol in severe heart failure [letter] Ikram H, et al. **Lancet** 1990 Aug 25;336(8713):517-8

PROPIONATES

Short-chain fatty acid absorption in rabbit colon in vitro. Sellin JH, et al. **Gastroenterology** 1990 Sep;99(3):676-83

Parenteral nutrition in propionic acidemia and methylmalonic acidemia [letter] Walter JH, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):338-9

PROPIOPHENONES

Bupropion in chronic fatigue syndrome [letter] Goodnick PJ. **Am J Psychiatry** 1990 Aug;147(8):1091

Bupropion treatment of attention-deficit hyperactivity disorder in adults. Wender PH, et al. **Am J Psychiatry** 1990 Aug;147(8):1018-20

PROPOFOL

Pain on injection of propofol. Methods of alleviation. Johnson RA, et al. **Anaesthesia** 1990 Jun;45(6):439-42

Pain on injection of propofol: the effect of injectate temperature. McCrirrick A, et al. **Anaesthesia** 1990 Jun; 45(6):443-4

Propofol, porphyria and epilepsy [letter] Parr MJ, et al. **Anaesthesia** 1990 Jul;45(7):594

Opisthotonus and other unusual neurological sequelae after outpatient anaesthesia. Saunders PR, et al. **Anaesthesia** 1990 Jul;45(7):552-7

Pharmacokinetics of long-term propofol infusion used for sedation in ICU patients. Albanese J, et al. **Anesthesiology** 1990 Aug;73(2):214-7

Particulate contamination of an intact glass ampule [letter] Finkelstein A, et al. **Anesthesiology** 1990 Aug;73(2):362–3
Propofol infusion for sedation of children. Nørreslet J, et al. **Crit Care Med** 1990 Aug;18(8):890–2

PROPRANOLOL

Comparison of hypersensitivity to adrenergic stimulation after abrupt withdrawal of propranolol and nadolol: influence of half-life differences. Krukemyer JJ, et al. **Am Heart J** 1990 Sep;120(3):572–9
Effects of propranolol on arterial oxygenation and oxygen transport to tissues in patients with cirrhosis. Agusti AG, et al. **Am Rev Respir Dis** 1990 Aug;142(2):306–10
Effect of beclomethasone dipropionate on the bronchial responsiveness to propranolol in asthmatics. Carpentiere G, et al. **Chest** 1990 Aug;98(2):263–5

PROSPECTIVE PAYMENT SYSTEM

Physicians' patient load per DRG, the consumption of hospital resources, and the incentives of the DRG prospective payment system. Munoz E, et al. **Acad Med** 1990 Aug;65(8):533–8
An all-payor prospective payment system (PPS) based on diagnosis-related-groups (DRG): financial impact on reimbursement for trauma care and approaches to minimizing loss. Joy SA, et al. **J Trauma** 1990 Jul; 30(7):866–73

PROSTAGLANDIN SYNTHASE

Immunohistochemical localization of prostaglandin H synthase in the female reproductive tract and endometriosis. Van Voorhis BJ, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):57–62
Repeatedly passed FRTL-5 rat thyroid cells can develop insulin and insulin-like growth factor-I-sensitive cyclooxygenase and prostaglandin E2 isomerase-like activities together with altered basal and thyrotropin-responsive thymidine incorporation into DNA. Bellur S, et al. **Endocrinology** 1990 Sep; 127(3):1526–40
Both cyclooxygenase-dependent and cyclooxygenase-independent pathways mediate the neuroendocrine response in humans. Michie HR, et al. **Surgery** 1990 Aug;108(2):254–9; discussion 259–61

PROSTAGLANDINS

Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Manabe Y, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):52–6
Prostaglandins regulate surfactant protein A (SP-A) gene expression in human fetal lung in vitro. Acarregui MJ, et al. **Endocrinology** 1990 Sep;127(3):1105–13
Enhanced prostaglandin synthesis after ultraviolet injury is mediated by endogenous histamine stimulation. A mechanism for irradiation erythema. Pentland AP, et al. **J Clin Invest** 1990 Aug;86(2):566–74
Mechanism of decreased baroreceptor activity in chronic hypertensive rabbits. Role of endogenous prostanoids. Xie PL, et al. **J Clin Invest** 1990 Aug;86(2):625–30
Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system. O'Neill P, et al. **Surgery** 1990 Aug;108(2):356–62

PROSTAGLANDINS E, SYNTHETIC

The efficacy and tolerance of mifepristone and prostaglandin in first trimester termination of pregnancy. UK Multicentre Trial. **Br J Obstet Gynaecol** 1990 Jun;97(6):480–6
16,16-Dimethyl prostaglandin E2 induces villus contraction in rats without affecting intestinal restitution. Erickson RA, et al. **Gastroenterology** 1990 Sep;99(3):708–16

PROSTAGLANDINS F

Reorientation of prostaglandin F secretion by calcium ionophore, estradiol, and prolactin in perifused porcine endometrium. Gross TS, et al. **Endocrinology** 1990 Aug; 127(2):637–42

PROSTAGLANDINS X

Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Mustafa MM, et al. **Am J Dis Child** 1990 Aug;144(8):883–7
Severe mesenteric ischemia due to primary thrombocythemia treated with prostacyclin. Nimmo GR, et al. **Crit Care Med** 1990 Aug;18(8):889–90
The effect of hypoxia on angiotensin-stimulated release of PGI2 from the splanchnic bed. Reed M, et al. **J Trauma** 1990 Aug;30(8):993–8; discussion 998–9

PROSTATE

An organ culture system for the study of programmed cell death in the rat ventral prostate. Martikainen P, et al. **Endocrinology** 1990 Sep;127(3):1268–77
Adenocarcinoma of the prostate discovered in 2 young patients following total prostatovesiculectomy for refractory prostatitis. Davis BE, et al. **J Urol** 1990 Sep; 144(3):744–5
Effects of the artificial urinary sphincter on prostatic development and sexual function in pubertal boys with meningomyelocele. Jumper BM, et al. **J Urol** 1990 Aug; 144(2 Pt 2):438–42; discussion 443–4
Transurethral incision of the bladder neck and prostate. Katz PG, et al. **J Urol** 1990 Sep;144(3):694–6
Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. Steidle CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):390–2
Transurethral resection versus transurethral incision of the prostate. Orandi A. **Urol Clin North Am** 1990 Aug; 17(3):601–12
Embryologic development of the prostate. Insights into the etiology and treatment of benign prostatic hyperplasia. Shapiro E. **Urol Clin North Am** 1990 Aug;17(3):487–93 (64 ref.)

PROSTATECTOMY

Prevention of TUR syndrome by detection of trace ethanol in the expired breath. Hahn RG. **Anaesthesia** 1990 Jul; 45(7):577–81
Prolonged recovery of renal function after prostatectomy for prostatic outflow obstruction. Ghose RR. **BMJ** 1990 May 26;300(6736):1376–7
Adenocarcinoma of the prostate discovered in 2 young patients following total prostatovesiculectomy for refractory prostatitis. Davis BE, et al. **J Urol** 1990 Sep; 144(3):744–5
Prognosis of patients with stage D1 prostate carcinoma following radical prostatectomy with and without early endocrine therapy. deKernion JB, et al. **J Urol** 1990 Sep; 144(3):700–3
Further study of the increased mortality following transurethral prostatectomy: a chart-based analysis. Malenka DJ, et al. **J Urol** 1990 Aug;144(2 Pt 1):224–7; discussion 228
Post-prostatectomy urinary incontinence: response to behavioral training. Meaglia JP, et al. **J Urol** 1990 Sep; 144(3):674–6
Visual disturbances, serum glycine levels and transurethral resection of the prostate. Mizutani AR, et al. **J Urol** 1990 Sep;144(3):697–9
Benign prostatic hyperplasia. Surgical craft: radical retropubic prostatectomy: improved anastomosis and urinary continence. **Urol Clin North Am** 1990 Aug; 17(3):461–684
Transurethral resection versus transurethral incision of the prostate. A prospective randomized study. Christensen MM, et al. **Urol Clin North Am** 1990 Aug;17(3):621–30
Use of antimicrobials for patients undergoing prostatectomy. Hofer DR, et al. **Urol Clin North Am** 1990 Aug; 17(3):595–600 (36 ref.)
American Urological Association survey of transurethral prostatectomy and the impact of changing medicare reimbursement. Holtgrewe HL. **Urol Clin North Am** 1990 Aug;17(3):587–93
Impotence after prostatectomy. Lue TF. **Urol Clin North Am** 1990 Aug;17(3):613–20 (31 ref.)
Transurethral prostatectomy. Mebust WK. **Urol Clin North Am** 1990 Aug;17(3):575–85 (59 ref.)
Transurethral resection versus transurethral incision of the prostate. Orandi A. **Urol Clin North Am** 1990 Aug; 17(3):601–12
Radical retropubic prostatectomy. Improved anastomosis and urinary continence. Walsh PC, et al. **Urol Clin North Am** 1990 Aug;17(3):679–84

PROSTATIC DISEASES

Midline cyst of the prostate [letter] Sener RN, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):656–7
Prolonged recovery of renal function after prostatectomy for prostatic outflow obstruction. Ghose RR. **BMJ** 1990 May 26;300(6736):1376–7

PROSTATIC HYPERTROPHY

Benign prostatic hyperplasia. Surgical craft: radical retropubic prostatectomy: improved anastomosis and urinary continence. **Urol Clin North Am** 1990 Aug; 17(3):461–684
Epidemiology and natural history of benign prostatic hyperplasia. Barry MJ. **Urol Clin North Am** 1990 Aug; 17(3):495–507 (77 ref.)
Multichannel urodynamic studies in men with benign prostatic hyperplasia. Indications and interpretation. Blaivas JG. **Urol Clin North Am** 1990 Aug;17(3):543–52 (34 ref.)
Alpha-adrenergic blockers for the treatment of benign prostatic hyperplasia. Caine M. **Urol Clin North Am** 1990 Aug;17(3):641–9 (54 ref.)
Clinical manifestations of benign prostatic hyperplasia and indications for therapeutic intervention. Christensen MM, et al. **Urol Clin North Am** 1990 Aug;17(3):509–16 (54 ref.)
Clinical and experimental studies of benign prostatic hyperplasia. Coffey DS, et al. **Urol Clin North Am** 1990 Aug;17(3):461–75 (38 ref.)
Balloon dilatation of the prostate. Dowd JB, et al. **Urol Clin North Am** 1990 Aug;17(3):671–7
Role of long-acting selective alpha-1 blockers in the treatment of benign prostatic hyperplasia. Lepor H. **Urol Clin North Am** 1990 Aug;17(3):651–9 (44 ref.)
Diagnostic imaging evaluation of benign prostatic hyperplasia. McClennan BL. **Urol Clin North Am** 1990 Aug;17(3):517–36 (56 ref.)
Androgen ablation and blockade in the treatment of benign prostatic hyperplasia. McConnell JD. **Urol Clin North Am** 1990 Aug;17(3):661–70 (40 ref.)
Pathology of benign prostatic hyperplasia. Insight into etiology. McNeal J. **Urol Clin North Am** 1990 Aug; 17(3):477–86 (10 ref.)
Embryologic development of the prostate. Insights into the etiology and treatment of benign prostatic hyperplasia. Shapiro E. **Urol Clin North Am** 1990 Aug;17(3):487–93 (64 ref.)
Evaluation of treatment response to drugs in benign prostatic hyperplasia. Wein AJ. **Urol Clin North Am** 1990 Aug; 17(3):631–40 (37 ref.)

PROSTATIC NEOPLASMS

Screening for carcinoma of the prostate [letter] Sandhu DP, et al. **BMJ** 1990 Jun 16;300(6739):1585–6
DNA content in prostatic adenocarcinoma. A flow cytometry study of the predictive value of aneuploidy for tumor volume, percentage Gleason grade 4 and 5, and lymph node metastases. Jones EC, et al. **Cancer** 1990 Aug 15;66(4):752–7
A phase II randomized trial of megestrol acetate or dexamethasone in the treatment of hormonally refractory advanced carcinoma of the prostate. Patel SR, et al. **Cancer** 1990 Aug 15;66(4):655–8
Carcinosarcoma of the prostate in combination with adenocarcinoma of the prostate and adenocarcinoma of the seminal vesicles. A case report with immunocytochemical analysis and review of the literature. Zenklusen HR, et al. **Cancer** 1990 Sep 1;66(5):998–1001 (12 ref.)
Prostate cancer. Catalona WJ. **Curr Probl Surg** 1990 Jul; 27(7):389–461 (165 ref.)
Differences in expression of oligosaccharide determinants by phenotypically distinct sublines of the Dunning 3327 rat prostate cancer. Abel PD, et al. **J Urol** 1990 Sep; 144(3):760–5
Adenocarcinoma of the prostate discovered in 2 young patients following total prostatovesiculectomy for refractory prostatitis. Davis BE, et al. **J Urol** 1990 Sep; 144(3):744–5
Prognosis of patients with stage D1 prostate carcinoma following radical prostatectomy with and without early endocrine therapy. deKernion JB, et al. **J Urol** 1990 Sep; 144(3):700–3
Prostate cancer: post-irradiation incontinence. Green N, et al. **J Urol** 1990 Aug;144(2 Pt 1):307–9
RE: The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer [letter] Hanks GE. **J Urol** 1990 Sep;144(3):751–2
Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. Nativ O, et al. **J Urol** 1990 Aug;144(2 Pt 1):303–6
Effects of a new bisphosphonate (AHBuBP) on osteolysis induced by human prostate cancer cells in nude mice. Nemoto R, et al. **J Urol** 1990 Sep;144(3):770–4
In vivo effects of high energy shock waves on urological tumors: an evaluation of treatment modalities. Oosterhof GO, et al. **J Urol** 1990 Sep;144(3):785–9
The use of transrectal ultrasound in the detection and evaluation of local pelvic recurrences after a radical urological pelvic operation. Parra RO, et al. **J Urol** 1990 Sep;144(3):707–9
Radiation-induced prostatic sarcoma: a case report. Scully JM, et al. **J Urol** 1990 Sep;144(3):746–8
Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299–302
125iodine reimplantation for locally progressive prostatic carcinoma. Wallner KE, et al. **J Urol** 1990 Sep;144(3):704–6
Prostate-specific antigen testing in untreated and treated prostatic adenocarcinoma. Rainwater LM, et al. **Mayo Clin Proc** 1990 Aug;65(8):1118–26 (56 ref.)
Comparison of magnetic resonance imaging and ultrasonography in staging early prostate cancer. Results of a multi-institutional cooperative trial. Rifkin MD, et al. **N Engl J Med** 1990 Sep 6;323(10):621–6
Detection of clinically occult prostate cancer. Morse RM, et al. **Urol Clin North Am** 1990 Aug;17(3):567–74 (86 ref.)

PROSTATITIS

Adenocarcinoma of the prostate discovered in 2 young patients following total prostatovesiculectomy for refractory prostatitis. Davis BE, et al. **J Urol** 1990 Sep; 144(3):744–5
The efficacy of norfloxacin in the treatment of chronic bacterial prostatitis refractory to trimethoprim-sulfamethoxazole and/or carbenicillin. Schaeffer AJ, et al. **J Urol** 1990 Sep;144(3):690–3

PROSTHESIS

Experimental study of a new porous tracheal prosthesis. Guijarro Jorge R, et al. **Ann Thorac Surg** 1990 Aug; 50(2):281-7

Application of the AS-800 artificial sphincter for intractable urinary incontinence in females. Parulkar BG, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):131-8

PROSTITUTION

Hepatitis B in a highly active prostitute population: evidence for a low risk of chronic antigenemia. Hyams KC, et al. **J Infect Dis** 1990 Aug;162(2):295-8

PROTAMINES

Immunoreactivity of protamine preparations used to reverse heparin anticoagulation. Adourian UA, et al. **Anesthesiology** 1990 Aug;73(2):328-31

Reversal of protamine-induced catastrophic pulmonary vasoconstriction by prostaglandin E1. Whitman GJ, et al. **Ann Thorac Surg** 1990 Aug;50(2):303-5

PROTEASE INHIBITORS

Camostate (FOY-305) improves the therapeutic effect of peritoneal lavage on taurocholate induced pancreatitis. Leonhardt U, et al. **Gut** 1990 Aug;31(8):934-7

PROTECTIVE DEVICES

How bicycle-related injuries change bicycling practices in children. Nakayama DK, et al. **Am J Dis Child** 1990 Aug; 144(8):928-9

PROTEIN C

Inhibition of thrombus formation by activated recombinant protein C in a primate model of arterial thrombosis [see comments] Gruber A, et al. **Circulation** 1990 Aug; 82(2):578-85. Comment in: Circulation 1990 Aug;82(2):655-7.

Acute Budd-Chiari syndrome with hepatic failure and obstruction of the inferior vena cava as presenting manifestations of hereditary protein C deficiency. Bourlière M, et al. **Gut** 1990 Aug;31(8):949-52

Postpartum intracranial venous thrombosis associated with dysfunctional protein C and deficiency of protein S. Roos KL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):492-4

PROTEIN-CALORIE MALNUTRITION

Undernourished children [letter] Bomgaars MR. **Am Fam Physician** 1990 Aug;42(2):315

Protein-calorie malnutrition inhibits antitumor response to interleukin-2 immunotherapy. Lieberman MD, et al. **Surgery** 1990 Aug;108(2):452-8; discussion 458-9

PROTEIN CONFORMATION

Role of recurrent hydrophobic residues in catalysis of helix formation by T cell-presented peptides in the presence of lipid vesicles. Lu S, et al. **J Immunol** 1990 Aug 1; 145(3):899-904

PROTEIN DEFICIENCY

Postpartum intracranial venous thrombosis associated with dysfunctional protein C and deficiency of protein S. Roos KL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):492-4

PROTEIN KINASE C

Calcium-dependent protein kinase activity is decreased in diabetic rat sciatic nerve. Gabbay RA, et al. **Endocrinology** 1990 Sep;127(3):1194-8

Protein tyrosine phosphorylation and p56lck modification in IL-2 or phorbol ester-activated human natural killer cells. Einspahr KJ, et al. **J Immunol** 1990 Sep 1;145(5):1490-7

Transmembrane signaling during natural killer cell-mediated cytotoxicity. Regulation by protein kinase C activation. Leibson PJ, et al. **J Immunol** 1990 Sep 1;145(5):1498-504

PROTEIN KINASES

Divergent activities of protein kinases in IL-6-induced differentiation of a human B cell line. Goldstein H, et al. **J Immunol** 1990 Aug 1;145(3):952-61

CD-3-mediated activation of MAP-2 kinase can be modified by ligation of the CD4 receptor. Evidence for tyrosine phosphorylation during activation of this kinase. Nel AE, et al. **J Immunol** 1990 Aug 1;145(3):971-9

PROTEIN PRECURSORS

Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Sanacora G, et al. **Endocrinology** 1990 Aug;127(2):730-7

Proenkephalin system in human polymorphonuclear cells. Production and release of a novel 1.0-kD peptide derived from synenkephalin. Vindrola O, et al. **J Clin Invest** 1990 Aug;86(2):531-7

PROTEIN SYNTHESIS INHIBITORS

MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. St.-Pierre Y, et al. **J Immunol** 1990 Aug 1; 145(3):812-8

PROTEIN-TYROSINE KINASE

Protein tyrosine phosphorylation and p56lck modification in IL-2 or phorbol ester-activated human natural killer cells. Einspahr KJ, et al. **J Immunol** 1990 Sep 1;145(5):1490-7

PROTEINS

Effects of oxygen supply on protein metabolism in surgically injured rats. Oxygen as a nutrient. Mimura Y, et al. **Ann Surg** 1990 Aug;212(2):228-33

Treatment of a pancreatic tumour secreting parathyroid hormone related protein [letter] Dodwell D, et al. **BMJ** 1990 Jun 23;300(6740):1653

Metabolic effects of recombinant human growth hormone: isotopic studies in the postabsorptive state and during total parenteral nutrition. Douglas RG, et al. **Br J Surg** 1990 Jul;77(7):785-90

Influence of glucagon on protein and leucine metabolism: a study in fasting man with induced insulin resistance. Pacy PJ, et al. **Br J Surg** 1990 Jul;77(7):791-4

Immunohistochemical observations on bone morphogenetic protein in normal and abnormal conditions. Yang LJ, et al. **Clin Orthop** 1990 Aug;(257):249-56

Measurement of circulating parathyroid hormone-related protein in rats with humoral hypercalcemia of malignancy using a two-site immunoradiometric assay. Gaich G, et al. **Endocrinology** 1990 Sep;127(3):1444-9

Abnormal parathyroid hormone-related peptide stimulation of renal 25-hydroxyvitamin D-1-hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Nesbitt T, et al. **Endocrinology** 1990 Aug;127(2):843-8

Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Turner RT, et al. **Endocrinology** 1990 Sep; 127(3):1346-51

Visceral protein levels in trauma patients are greater with peptide diet than with intact protein diet. Meredith JW, et al. **J Trauma** 1990 Jul;30(7):825-8; discussion 828-9

PROTEINURIA

Screening for asymptomatic bacteriuria, hematuria and proteinuria. The U.S. Preventive Services Task Force. **Am Fam Physician** 1990 Aug;42(2):389-95 (70 ref.)

Double Bence Jones proteinuria. Kanoh T, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):991-4

Urine analysis for glucose and protein [letter] Yudkin JS, et al. **BMJ** 1990 Jun 2;300(6737):1463-4

Proteinuria, not altered albumin metabolism, affects hyperlipidemia in the nephrotic rat. Davies RW, et al. **J Clin Invest** 1990 Aug;86(2):600-5

PROTEOGLYCANS

Elevated expression of transforming growth factor-beta and proteoglycan production in experimental glomerulonephritis. Possible role in expansion of the mesangial extracellular matrix. Okuda S, et al. **J Clin Invest** 1990 Aug;86(2):453-62

PROTEOLIPIDS

Prostaglandins regulate surfactant protein A (SP-A) gene expression in human fetal lung in vitro. Acarregui MJ, et al. **Endocrinology** 1990 Sep;127(3):1105-13

PROTO-ONCOGENE PROTEINS, CELLULAR

Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation. Pezzella F, et al. **Am J Pathol** 1990 Aug;137(2):225-32

Chromosomal breakpoints within the first intron of the ABL gene are nonrandom in patients with chronic myelogenous leukemia. Jiang XY, et al. **Blood** 1990 Aug 1;76(3):597-601

N-ras mutations in adult de novo acute myelogenous leukemia: prevalence and clinical significance. Radich JP, et al. **Blood** 1990 Aug 15;76(4):801-7

Molecular genetics of gastrointestinal non-Hodgkin's lymphomas: unusual prevalence and pattern of c-myc rearrangements in aggressive lymphomas. van Krieken JH, et al. **Blood** 1990 Aug 15;76(4):797-800

IL-2 enhances c-fms expression in human monocytes. Espinoza-Delgado I, et al. **J Immunol** 1990 Aug 15; 145(4):1137-43

Expression of epidermal growth factor receptor and HER-2/neu in normal and neoplastic cervix, vulva, and vagina. Berchuck A, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):381-7

PROTO-ONCOGENES

DNA alterations at proto-oncogene loci and their clinical significance in operable non-small cell lung cancer. Hajj C, et al. **Cancer** 1990 Aug 15;66(4):733-9

IL-2 enhances c-fms expression in human monocytes. Espinoza-Delgado I, et al. **J Immunol** 1990 Aug 15; 145(4):1137-43

PROTOZOAN INFECTIONS

Isolation of a microsporidian from a human patient. Shadduck JA, et al. **J Infect Dis** 1990 Sep;162(3):773-6

PRUNE BELLY SYNDROME

Fetal bladder histology in posterior urethral valves and the prune belly syndrome. Workman SJ, et al. **J Urol** 1990 Aug;144(2 Pt 1):337-9

PSEUDOHERMAPHRODITISM

A case of male pseudohermaphroditism due to 17 alpha-hydroxylase deficiency and hormonal profiles in the nuclear family. Rohmer V, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):523-9

PSEUDOMONAS

Subclass distribution of IgG and IgA antibody response to Pseudomonas pseudoalcaligenes in humans exposed to infected metal-working fluid. Mattsby-Baltzer I, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):231-8

PSEUDOMONAS AERUGINOSA

Potential bacterial contamination in fluorescein-anesthetic solutions. Duffner LR, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):199-202

Antibody response of fibrocystic patients to homologous 0-typable and 0-defective isolates of Pseudomonas aeruginosa. MacDougall J, et al. **J Clin Pathol** 1990 Jul; 43(7):567-71

Adaptive resistance to aminoglycoside antibiotics from first-exposure down-regulation. Daikos GL, et al. **J Infect Dis** 1990 Aug;162(2):414-20

Comparison of the intracellular bacterial killing activity of leukocytes in musculocutaneous and random-pattern flaps. Eshima I, et al. **Plast Reconstr Surg** 1990 Sep;86(3):541-7

PSEUDOMONAS INFECTIONS

Pseudomonas aeruginosa empyema in an adult with cystic fibrosis. Mestitz H, et al. **Chest** 1990 Aug;98(2):485-7

The efficacy of norfloxacin in the treatment of chronic bacterial prostatitis refractory to trimethoprim-sulfamethoxazole and/or carbenicillin. Schaeffer AJ, et al. **J Urol** 1990 Sep;144(3):690-3

Imipenem resistance in a case of AIDS with relapsing Pseudomonas meningitis. Eng RH, et al. **South Med J** 1990 Aug;83(8):979-80

PSEUDOTUMOR CEREBRI

Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Feigert JM, et al. **Ann Intern Med** 1990 Sep 1;113(5):362-7

Indomethacin in severe head injury [letter] Jensen K, et al. **Lancet** 1990 Jul 28;336(8709):246

PSEUDOXANTHOMA ELASTICUM

Pseudoxanthoma elasticum presenting with myocardial infarction. Slade AK, et al. **Br Heart J** 1990 Jun;63(6):372-3

PSORIASIS

Does pityrosporum ovale have a role in psoriasis? [letter] Elewski B. **Arch Dermatol** 1990 Aug;126(8):1111-2

HLA region genes and immune activation in the pathogenesis of psoriasis [comment] Gottlieb AB, et al. **Arch Dermatol** 1990 Aug;126(8):1083-6 (42 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1040-2.

Cutaneous formation of vitamin D in psoriasis [letter] Matsuoka LY, et al. **Arch Dermatol** 1990 Aug;126(8):1107-8

The genetics of psoriasis. Haplotype sharing in siblings with the disease [see comments] Suarez-Almazor ME, et al. **Arch Dermatol** 1990 Aug;126(8):1040-2. Comment in: Arch Dermatol 1990 Aug;126(8):1083-6.

Psoriasis and bone marrow transplantation [letter] Jowitt SN, et al. **BMJ** 1990 May 26;300(6736):1398-9

Genital tumors among men with psoriasis exposed to PUVA [letter] McGarry GW. **N Engl J Med** 1990 Sep 6; 323(10):684-5

PSYCHIATRIC STATUS RATING SCALES

Validity of the Personality Diagnostic Questionnaire—revised: comparison with two structured interviews. Hyler SE, et al. **Am J Psychiatry** 1990 Aug; 147(8):1043-8

Diagnosis of major depression in cancer patients according to four sets of criteria. Kathol RG, et al. **Am J Psychiatry** 1990 Aug;147(8):1021-4

The Positive and Negative Syndrome Scale—Spanish adaptation. Kay SR, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):510–7
Longitudinal evaluation of dementia of the Alzheimer type: a comparison of 3 standardized mental status examinations. Salmon DP, et al. **Neurology** 1990 Aug;40(8):1225–30

PSYCHIATRY

Psychiatrist-attended work rounds: integrating psychiatry into internal medicine training. Rosenberg MR, et al. **Acad Med** 1990 Jun;65(6):422–3
Psychotherapy training for residents [letter] **Am J Psychiatry** 1990 Sep;147(9):1257–8
Comments on task force report on psychiatric residency [letter] **Am J Psychiatry** 1990 Aug;147(8):1095–9
A comparison of manual and MEDLARS reviews of the literature on consultation-liaison psychiatry. Bareta JC, et al. **Am J Psychiatry** 1990 Aug;147(8):1040–2
Monitoring quality assurance in psychiatry [letter] Connell ML. **Am J Psychiatry** 1990 Aug;147(8):1100–1
Integrated paradigm for psychiatry [letter] Meacham TD, et al. **Am J Psychiatry** 1990 Aug;147(8):1099–100
Defending humanistic values. Pardes H. **Am J Psychiatry** 1990 Sep;147(9):1112–9
Avoiding negligent release: contemporary clinical and risk management strategies. Poythress NG Jr. **Am J Psychiatry** 1990 Aug;147(8):994–7
Statistical analysis of repeated measures in psychiatric research [see comments] Ekstrom D, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):770–2. Comment in: Arch Gen Psychiatry 1990 Aug;47(8):775–8.
Doctors' safety: who cares? [letter] Bhugra D, et al. **BMJ** 1990 Jul 7;301(6742):43
Real insight [editorial] **Lancet** 1990 Aug 18;336(8712):408–9

PSYCHOANALYSIS

Freud's major case histories [letter] Mahony PJ. **Am J Psychiatry** 1990 Aug;147(8):1109–10

PSYCHOANALYTIC THERAPY

Review of fugitives of incest [letter] Ganzarain R, et al. **Am J Psychiatry** 1990 Aug;147(8):1109

PSYCHODIDAE

Development of Leishmania major in Phlebotomus duboscqi and Sergentomyia schwetzi (Diptera: Psychodidae). Lawyer PG, et al. **Am J Trop Med Hyg** 1990 Jul; 43(1):31–43

PSYCHOLOGICAL TESTS

Assessing learning-style inventories and how well they predict academic performance. Leiden LI, et al. **Acad Med** 1990 Jun;65(6):395–401
Cognitive functioning and treatment outcome in alcoholics. Alterman AI, et al. **J Nerv Ment Dis** 1990 Aug;178(8):494–9

PSYCHOLOGY, CLINICAL

Prescribing psychologists [letter] Menendez T. **JAMA** 1990 Sep 12;264(10):1250–1

PSYCHOMOTOR DISORDERS

Vitamin E deficiency and psychomotor dysfunction in adults with primary biliary cirrhosis. Arria AM, et al. **Am J Clin Nutr** 1990 Aug;52(2):383–90
Neurotoxicological evaluation of hospital sterilizer workers exposed to ethylene oxide [see comments] Estrin WJ, et al. **J Toxicol Clin Toxicol** 1990;28(1):1–20. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii–xi.
Neuropsychologic "impairment" in a cohort of hospital workers chronically exposed to ethylene oxide [see comments] Klees JE, et al. **J Toxicol Clin Toxicol** 1990; 28(1):21–8. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii–xi.

PSYCHOPHYSIOLOGIC DISORDERS

Psychosomatic symptoms in adolescence. Smith MS. **Med Clin North Am** 1990 Sep;74(5):1121–34 (77 ref.)

PSYCHOTHERAPY

Two methods of including postgraduate students as observers of psychotherapy. Davanzo H, et al. **Acad Med** 1990 Aug; 65(8):542
Comments on task force report on psychiatric residency [letter] **Am J Psychiatry** 1990 Aug;147(8):1095–9
Psychotherapy training for residents [letter] **Am J Psychiatry** 1990 Sep;147(9):1257–8
Further views on patient-therapist sex [letter] **Am J Psychiatry** 1990 Sep;147(9):1258–9
New extension of the Tarasoff decision [letter] Goldstein RL. **Am J Psychiatry** 1990 Sep;147(9):1250–1
Corrections and revised analyses for psychotherapy in methadone maintenance patients [letter] Woody G, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):788–9
Psychological treatment for depressive disorder [letter] Snaith RP, et al. **BMJ** 1990 Jun 16;300(6739):1587–8
GP psychotherapy: its popularity is growing among patients and MDs. Trent B. **Can Med Assoc J** 1990 Aug 15; 143(4):320–3

PSYCHOTHERAPY, GROUP

Review of fugitives of incest [letter] Ganzarain R, et al. **Am J Psychiatry** 1990 Aug;147(8):1109
A structured psychiatric intervention for cancer patients. II. Changes over time in immunological measures. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):729–35
A structured psychiatric intervention for cancer patients. I. Changes over time in methods of coping and affective disturbance. Fawzy FI, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):720–5

PSYCHOTIC DISORDERS

Partial hospitalization and psychotic patients [letter] Olfson M. **Am J Psychiatry** 1990 Sep;147(9):1255–6
Fluphenazine dose, clinical response, and extrapyramidal symptoms during acute treatment. Levinson DF, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):761–8
Predicting outcome in schizoaffective psychosis. McGlashan TH, et al. **J Nerv Ment Dis** 1990 Aug;178(8):518–20
Recurrence of puerperal psychosis not prevented by prophylactic progesterone administration. Murray d. **J Nerv Ment Dis** 1990 Aug;178(8):537–8
Epidemiological analysis of alcohol and drug use as risk factors for psychotic experiences. Tien AY, et al. **J Nerv Ment Dis** 1990 Aug;178(8):473–80
Due process. Packer M. **West J Med** 1990 Jul;153(1):91–2

PSYCHOTROPIC DRUGS

A preliminary investigation of alexithymia in men with psychoactive substance dependence. Taylor GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1228–30

PUBERTY

Genital findings in prepubertal girls selected for nonabuse: a descriptive study. McCann J, et al. **Pediatrics** 1990 Sep; 86(3):428–39

PUBERTY, PRECOCIOUS

Viralization due to Leydig cell tumor diagnosis by magnetic resonance imaging. Case management report. Kaufman E, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):414–7

PUBIC BONE

Fascia lata and early spica casting as adjuncts in closure of bladder exstrophy. Scherz HC, et al. **J Urol** 1990 Aug;144(2 Pt 2):550–3; discussion 562–3

PUBLIC HEALTH

1889 to 1989: a century of health and disease. Hinman AR. **Public Health Rep** 1990 Jul–Aug;105(4):374–80

PUBLIC HEALTH ADMINISTRATION

Partner acceptance of health department notification of HIV exposure, South Carolina. Jones JL, et al. **JAMA** 1990 Sep 12;264(10):1284–6

PUBLIC OPINION

A pertussis vaccine myth dies [editorial] Fulginiti VA. **Am J Dis Child** 1990 Aug;144(8):860–1

PUBLIC POLICY

Homelessness and housing policy: a game of musical chairs [editorial; comment] Sclar ED. **Am J Public Health** 1990 Sep;80(9):1039–40. Comment on: Am J Public Health 1990 Sep;80(9):1049–52.
Social and ethical implications of advances in human genetics. Cook-Deegan RM. **South Med J** 1990 Aug;83(8):879–82

PUBLIC RELATIONS

Legal questions remain in AIDS segregation cases. Hudson T. **Hospitals** 1990 Aug 20;64(16):59–60
The nursing shortage: dynamics and solutions. Positioning for success. Norby RB. **Nurs Clin North Am** 1990 Sep; 25(3):525–35

PUBLISHING

The origin and growth of medical journals. Booth CC. **Ann Intern Med** 1990 Sep 1;113(5):398–402
Medical authorship: traditions, trends, and tribulations. Fye WB. **Ann Intern Med** 1990 Aug 15;113(4):317–25 (95 ref.)
Analysis of animal rights literature reveals the underlying motives of the movement: ammunition for counter offensive by scientists. Nicoll CS, et al. **Endocrinology** 1990 Sep;127(3):985–9
Tracking AIDS epidemic in libraries [letter] Vandenbroucke JP. **Lancet** 1990 Aug 4;336(8710):318
The Bethesda System for cervical/vaginal cytologic diagnoses: a note of caution [editorial] Herbst AL. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):449–50

PUERPERAL DISORDERS

Ritodrine infusion and cardiomyopathy [letter] Caritis SN. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):254–6
Postpartum coronary artery dissection followed by heart transplantation. Curiel P, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):538–9
Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. Esposito RA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):572–4
Thyroid dysfunction in postpartum depression [letter] Claman P. **Am J Psychiatry** 1990 Aug;147(8):1101
Epidural anaesthesia and long term backache after childbirth. MacArthur C, et al. **BMJ** 1990 Jul 7;301(6742):9–12
Recurrence of puerperal psychosis not prevented by prophylactic progesterone administration. Murray d. **J Nerv Ment Dis** 1990 Aug;178(8):537–8
Hypothyroidism [letter] **Lancet** 1990 Aug 4;336(8710):315–6
Postpartum intracranial venous thrombosis associated with dysfunctional protein C and deficiency of protein S. Roos KL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):492–4

PUERPERAL INFECTION

Myocarditis [letter] Adams VI. **JAMA** 1990 Aug 8; 264(6):694–5

PUERPERIUM

Energy cost of physical activity throughout pregnancy and the first year postpartum in Dutch women with sedentary lifestyles. van Raaij JM, et al. **Am J Clin Nutr** 1990 Aug; 52(2):234–9
Gestational diabetes mellitus: the prevalence of glucose intolerance and diabetes mellitus in the first two months post partum. Kjos SL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):93–8

PULMONARY ALVEOLI

Characteristics of alveolar macrophages in an animal model of resolving pulmonary inflammation. Dal Nogare AR, et al. **Am Rev Respir Dis** 1990 Sep;142(3):660–7
Effect of sulfur dioxide on pulmonary macrophage endocytosis at rest and during exercise. Skornik WA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):655–9
Determinants of alveolar nitrogen slope and closing volumes in healthy adolescents. Teculescu DB, et al. **Am Rev Respir Dis** 1990 Sep;142(3):607–15

PULMONARY ARTERY

Effect of percutaneous transcatheter embolization on pulmonary function, right-to-left shunt, and arterial oxygenation in patients with pulmonary arteriovenous malformations. Chilvers ER, et al. **Am Rev Respir Dis** 1990 Aug;142(2):420–5
Decreased vascular compliance after reimplantation of the left lower lobe in young pigs. Johnson AM, et al. **Ann Thorac Surg** 1990 Aug;50(2):277–80
Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8
Invited letter concerning: inferior vena cava-pulmonary artery extracardiac conduit [letter; comment] Doty DB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):313–4. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):228–32.
A modification of the Fontan procedure incorporating anomalies of systemic and pulmonary venous return. Julsrud PR, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):233–9
Inferior vena cava-pulmonary artery extracardiac conduit. A new form of right heart bypass [see comments] Marcelletti C, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):228–32. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):313–4.
Pulmonary vascular cine MR imaging: a noninvasive approach to dynamic imaging of the pulmonary circulation. Gefter WB, et al. **Radiology** 1990 Sep;176(3):761–70

PULMONARY CIRCULATION

Perinatal hypoxia increases hypoxic pulmonary vasoconstriction in adult rats recovering from chronic exposure to hypoxia. Hampl V, et al. **Am Rev Respir Dis** 1990 Sep;142(3):619–24
Lung edema caused by high peak inspiratory pressures in dogs. Role of increased microvascular filtration pressure and permeability. Parker JC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):321–8
Effects of nitrendipine and hypoxia on pulmonary vascular resistance in experimental emphysema. Rubin LJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):625–30
Shock, transfusion, and pneumonectomy. Death is due to right heart failure and increased pulmonary vascular resistance. Cryer HG, et al. **Ann Surg** 1990 Aug; 212(2):197–201
Changes in pulmonary circulation in severe

bronchopulmonary dysplasia. Bush A, et al. **Arch Dis Child** 1990 Jul;65(7):739–45
Usefulness of left and right oblique subcostal view in the echo–Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo–Doppler evaluation of pulmonary blood flow. Ferrazza A, et al. **Chest** 1990 Aug;98(2):286–9
Pulmonary vascular cine MR imaging: a noninvasive approach to dynamic imaging of the pulmonary circulation. Gefter WB, et al. **Radiology** 1990 Sep;176(3):761–70

PULMONARY DISEASE (SPECIALTY)

Government support for lung research. Brigham KL. **Am Rev Respir Dis** 1990 Aug;142(2):271–3
Occupational tuberculous infections among pulmonary physicians in training. Malasky C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):505–7
Critical care medicine certification and pulmonary disease trainees [editorial] Rogers RM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):495–6

PULMONARY EDEMA

Adverse effects of large tidal volume and low PEEP in canine acid aspiration. Corbridge TC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):311–5
Lung edema caused by high peak inspiratory pressures in dogs. Role of increased microvascular filtration pressure and permeability. Parker JC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):321–8
The effect of hypopnea on low-pressure pulmonary edema. Yanos J, et al. **Am Rev Respir Dis** 1990 Aug;142(2):316–20
Stretching the effect of the balloon. Mitral valvuloplasty and pulmonary function [editorial; comment] Bittl JA. **Chest** 1990 Aug;98(2):259–60. Comment on: Chest 1990 Aug;98(2):290–4.
Bronchial hyperresponsiveness in patients with chronic pulmonary congestion [letter] Zieliński J. **Chest** 1990 Aug; 98(2):511–2

PULMONARY EMBOLISM

Echocardiographic visualization of a large mobile right atrial thrombus with sudden embolization during real-time scanning. Adamick R, et al. **Am Heart J** 1990 Sep; 120(3):699–701
Hospitalization and case fatality for pulmonary embolism in the twin cities: 1979–1984. Lilienfeld DE, et al. **Am Heart J** 1990 Aug;120(2):392–5
Complications of heparin therapy after total joint arthroplasty [letter] Wilson MG, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1114
Monorail system for percutaneous repositioning of the Greenfield vena caval filter. Guthaner DF, et al. **Radiology** 1990 Sep;176(3):872–4
Fatal pulmonary thromboembolism after successful transsphenoidal hypophysectomy for Cushing's disease. Jackson JA, et al. **South Med J** 1990 Aug;83(8):960–2

PULMONARY EMPHYSEMA

The effect of 60% oxygen on air-space enlargement and cross-linked elastin synthesis in hamsters with elastase-induced emphysema. Cantor JO, et al. **Am Rev Respir Dis** 1990 Sep;142(3):668–73
Tsk mice with genetic emphysema. Right ventricular hypertrophy occurs without hypertrophy of muscular pulmonary arteries or muscularization of arterioles. Martorana PA, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):333–7
Sulfated polysaccharides prevent human leukocyte elastase-induced acute lung injury and emphysema in hamsters. Rao NV, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):407–12
Effects of nitrendipine and hypoxia on pulmonary vascular resistance in experimental emphysema. Rubin LJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):625–30
Computed tomography in the etiologic assessment of idiopathic spontaneous pneumothorax. Lesur O, et al. **Chest** 1990 Aug;98(2):341–7
Single-lung transplantation in pulmonary emphysema [letter] Sleiman C, et al. **N Engl J Med** 1990 Aug 23;323(8):551–2

PULMONARY EOSINOPHILIA

The BALB/c mouse as a model for immunological studies of microfilariae-induced pulmonary eosinophilia. Egwang TG, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):61–6
Blood hypereosinophilia in the course of posttraumatic pleural effusion. Maltais F, et al. **Chest** 1990 Aug; 98(2):348–51

PULMONARY FIBROSIS

Intraluminal fibrosis and elastic fiber degradation lead to lung remodeling in pulmonary Langerhans cell granulomatosis (histiocytosis X). Fukuda Y, et al. **Am J Pathol** 1990 Aug; 137(2):415–24
Resting energy expenditure in interstitial lung disease. Fitting JW, et al. **Am Rev Respir Dis** 1990 Sep;142(3):631–5
Sequential virus infections, bacterial superinfections, and fibrogenesis. Jakab GJ. **Am Rev Respir Dis** 1990 Aug; 142(2):374–9
Mineralogical microanalysis of idiopathic pulmonary fibrosis. Monso E, et al. **Arch Environ Health** 1990 May–Jun; 45(3):185–8
Interstitial lung disease in progressive systemic sclerosis: high-resolution CT versus radiography. Schurawitzki H, et al. **Radiology** 1990 Sep;176(3):755–9

PULMONARY GAS EXCHANGE

Effects of propranolol on arterial oxygenation and oxygen transport to tissues in patients with cirrhosis. Agusti AG, et al. **Am Rev Respir Dis** 1990 Aug;142(2):306–10
Naloxone increases ventilatory response to hypercapnic hypoxia in healthy adult humans. Akiyama Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):301–5
The influence of increasing ventilatory effort on arousal from sleep. Gleeson K, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):295–300
A new method for measurement of airway occlusion pressure. Brenner M, et al. **Chest** 1990 Aug;98(2):421–7
Oxygen delivery and oxygen uptake in postoperative and septic patients. Vermeij CG, et al. **Chest** 1990 Aug; 98(2):415–20
Fat emulsion and ARDS [letter] Zakinthinos S, et al. **Chest** 1990 Aug;98(2):509–10
Continuous arteriovenous hemofiltration/dialysis improves pulmonary gas exchange in children with multiple organ system failure. DiCarlo JV, et al. **Crit Care Med** 1990 Aug; 18(8):822–6
Does continuous positive airway pressure compensate for loss of glottic function during tracheal intubation? Smith RA, et al. **Crit Care Med** 1990 Aug;18(8):848–50

PULMONARY SURFACTANTS

Surfactant abnormality and the sudden infant death syndrome—a primary or secondary phenomenon? James D, et al. **Arch Dis Child** 1990 Jul;65(7):774–8
Follow up of premature babies treated with artificial surfactant (ALEC). Morley CJ, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):667–9
Prostaglandins regulate surfactant protein A (SP-A) gene expression in human fetal lung in vitro. Acarregui MJ, et al. **Endocrinology** 1990 Sep;127(3):1105–13
Pulmonary surfactant as a physiologic immunosuppressive agent. Rich EA. **J Lab Clin Med** 1990 Jul;116(1):4–5
Pulmonary surfactant suppresses the immune lung injury response to inhaled antigen in guinea pigs. Richman PS, et al. **J Lab Clin Med** 1990 Jul;116(1):18–26

PULMONARY VALVE

Congenital absence of the pulmonary valve, intact interventricular septum, and patent ductus arteriosus: management in a newborn infant. Lau KC, et al. **Am Heart J** 1990 Sep;120(3):711–4 (8 ref.)
Use of the allograft aortic valved conduit. Campbell DN, et al. **Ann Thorac Surg** 1990 Aug;50(2):320–2

PULMONARY VALVE STENOSIS

Right sided endocarditis after balloon dilatation of the pulmonary valve. Kalra GS, et al. **Br Heart J** 1990 Jun; 63(6):368–9
Balloon dilatation of critical stenosis of the pulmonary valve in neonates. Ladusans EJ, et al. **Br Heart J** 1990 Jun; 63(6):362–7

PULMONARY VEINS

Effect of percutaneous transcatheter embolization on pulmonary function, right-to-left shunt, and arterial oxygenation in patients with pulmonary arteriovenous malformations. Chilvers ER, et al. **Am Rev Respir Dis** 1990 Aug;142(2):420–5
Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8
Isolated pulmonary vein atresia. Cullen S, et al. **Br Heart J** 1990 Jun;63(6):350–4
Hickman catheter-induced thoracic vein thrombosis. Frequency and long-term sequelae in patients receiving high-dose chemotherapy and marrow transplantation. Haire WD, et al. **Cancer** 1990 Sep 1;66(5):900–8
Primary sarcoma of the superior pulmonary vein. Kaiser LR, et al. **Cancer** 1990 Aug 15;66(4):789–95 (16 ref.)
Serendipitous discovery during jugular catheterization. Partial anomalous pulmonary venous connection. Wylam ME, et al. **Chest** 1990 Aug;98(2):493–5
A modification of the Fontan procedure incorporating anomalies of systemic and pulmonary venous return. Julsrud PR, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):233–9
Pulmonary vascular cine MR imaging: a noninvasive approach to dynamic imaging of the pulmonary circulation. Gefter WB, et al. **Radiology** 1990 Sep;176(3):761–70

PULMONARY VENO-OCCLUSIVE DISEASE

Pulmonary veno-occlusive disease and its response to vasodilator agents. Palevsky HI, et al. **Am Rev Respir Dis** 1990 Aug;142(2):426–9

PULMONARY WEDGE PRESSURE

Pulmonary capillary pressures during hypoxia and hypoxemia [letter] Smith TC. **Crit Care Med** 1990 Aug;18(8):899–901

PUNCTURES

Tracheostoma diverticulum following tracheoesophageal puncture. Hoffman HT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1074–6
Gall stone dissolution with methyl tert-butyl ether: how to avoid complications. Hellstern A, et al. **Gut** 1990 Aug; 31(8):922–5
Percutaneous exposure of medical students to HIV. Jones DB. **JAMA** 1990 Sep 5;264(9):1188, 1190

PUNISHMENT

Judicial amputation and human rights [letter] **Lancet** 1990 Sep 1;336(8714):572

PUPIL

The fixed and dilated pupils of premature neonates. Isenberg SJ, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):168–71

PURPURA

Purpura and dermal thinning associated with high dose inhaled corticosteroids. Capewell S, et al. **BMJ** 1990 Jun 16;300(6739):1548–51

PURPURA, SCHOENLEIN-HENOCH

The American College of Rheumatology 1990 criteria for the classification of Henoch-Schönlein purpura. Mills JA, et al. **Arthritis Rheum** 1990 Aug;33(8):1114–21

PURPURA, THROMBOCYTOPENIC

Coronary artery bypass grafting without splenectomy [letter] Bowman GA. **Ann Thorac Surg** 1990 Aug;50(2):330–1

PURPURA, THROMBOTIC THROMBOCYTOPENIC

Melena, anemia, renal insufficiency, and respiratory failure in a 47-year-old woman [clinical conference] **Am J Med** 1990 Aug;89(2):223–8
Thrombotic thrombocytopenic purpura in pregnancy with maternal and fetal survival. Case report. Maina A, et al. **Br J Obstet Gynaecol** 1990 May;97(5):443–5
Cyclophosphamide for chronic relapsing thrombotic thrombocytopenic purpura [letter] Bird JM, et al. **Lancet** 1990 Sep 1;336(8714):565–6

PUVA THERAPY

Photopheresis and human immunodeficiency virus (HIV) infection: the Annals views preliminary reports [editorial; comment] Abrutyn E. **Ann Intern Med** 1990 Aug 15; 113(4):263–4. Comment on: Ann Intern Med 1990 Aug 15;113(4):270–5.
Extracorporeal photopheresis in the treatment of AIDS-related complex: a pilot study [see comments] Bisaccia E, et al. **Ann Intern Med** 1990 Aug 15;113(4):270–5 . Comment in: Ann Intern Med 1990 Aug 15;113(4):263–4.
Genital tumors among men with psoriasis exposed to PUVA [letter] McGarry GW. **N Engl J Med** 1990 Sep 6; 323(10):684–5

PYELONEPHRITIS

Computerized tomography in acute pyelonephritis: the clinical correlations. Tsugaya M, et al. **J Urol** 1990 Sep; 144(3):611–3

PYLORIC ANTRUM

Reproducible test for detecting Helicobacter pylori in frozen samples [letter] Abdalla S, et al. **J Clin Pathol** 1990 Jun; 43(6):519

PYRETHRINS

Permethrin-impregnated curtains and bed-nets prevent malaria in western Kenya. Sexton JD, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):11–8

PYRIDAZINES

Effects of azelastine on vagal neuroeffector transmission in canine and human airway smooth muscle. Aizawa H, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):171–6

PYRIDINIUM COMPOUNDS

Full thickness skin burns secondary to an unusual exposure to diquat dibromide. Manoguerra AS. **J Toxicol Clin Toxicol** 1990;28(1):107–10

PYRIDONES

Effect of milrinone on ventricular arrhythmias in congestive heart failure. Ferrick KJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):431-4

PYRIDOXINE

Reversal of prolonged isoniazid-induced coma by pyridoxine. Brent J, et al. **Arch Intern Med** 1990 Aug;150(8):1751-3
Long-term follow-up of pyridoxine-induced acute sensory neuropathy-neuronopathy. Albin RL, et al. **Neurology** 1990 Aug;40(8):1319

PYRIMETHAMINE

Successful therapy for Toxoplasma gondii myocarditis in acquired immunodeficiency syndrome. Grange F, et al. **Am Heart J** 1990 Aug;120(2):443-4

PYRIMIDINES

Antiproliferative effect of trapidil, a platelet-derived growth factor antagonist, on a glioma cell line in vitro. Kuratsu J, et al. **J Neurosurg** 1990 Sep;73(3):436-40

PYRROLIDINONES

Racial differences in serum cotinine levels among smokers in the coronary artery risk development in (young) adults study [see comments] Wagenknecht LE, et al. **Am J Public Health** 1990 Sep;80(9):1053-6. Comment in: Am J Public Health 1990 Sep;80(9):1040-1.
Variability of measures of exposure to environmental tobacco smoke in the home. Coultas DB, et al. **Am Rev Respir Dis** 1990 Sep;142(3):602-6

PYRUVATE DEHYDROGENASE COMPLEX

Immunochemical analysis of pyruvate dehydrogenase complex in 2 boys with primary lactic acidemia. Kitano A, et al. **Neurology** 1990 Aug;40(8):1312-4

Q FEVER

Ciprofloxacin in a case of Q fever endocarditis [letter] Yebra M, et al. **N Engl J Med** 1990 Aug 30;323(9):614

QUADRIPLEGIA

A lighted joystick control for a quadriparetic child with impaired visual awareness. Gragnani JA. **Arch Phys Med Rehabil** 1990 Aug;71(9):709-10
Phrenic nerve stimulation in quadriplegia [letter] **Lancet** 1990 Aug 18;336(8712):446-7

QUADRUPLETS

Coping with three, four, or more [editorial] **Lancet** 1990 Aug 25;336(8713):473

QUALITY ASSURANCE, HEALTH CARE

The impact of a quality assurance process on the frequency and confirmation rate of hysterectomy. Gambone JC, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):545-50
Monitoring quality assurance in psychiatry [letter] Connell ML. **Am J Psychiatry** 1990 Aug;147(8):1100-1
A comparison of implicit and explicit methods of process quality assurance for blunt trauma patients. Schriger DL, et al. **Ann Emerg Med** 1990 Jul;19(7):736-40
Need to share quality info spurs new network. Koska MT. **Hospitals** 1990 Aug 20;64(16):56, 58
Quality assurance in obstetrics: a model. Silberman L. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):466-70
Professional review organization utilization and quality review process [letter] Danielson JR. **Plast Reconstr Surg** 1990 Sep;86(3):604

QUALITY OF HEALTH CARE

Academic medicine and the National Board: a love-hate relationship? [editorial] Stemmler EJ. **Acad Med** 1990 Jun; 65(6):380-1
On quality of ambulatory care [letter] Ashley JT. **Am J Public Health** 1990 Sep;80(9):1136-7
Methods for evaluation of medical care other than credentialing. Cost, experience, and results. Ebert PA. **Clin Orthop** 1990 Aug;(257):64-6
Certification and recertification. A consumer's view. Glasser MA. **Clin Orthop** 1990 Aug;(257):38-42
Implementing OBRA: LTC providers fear poor reimbursement. Eubanks P. **Hospitals** 1990 Aug 20; 64(16):54, 56
Coroners and allegations of lack of care, UK and Hong Kong. Brahams D. **Lancet** 1990 Sep 1;336(8714):559-60

QUALITY OF LIFE

Life after residency. Setting priorities in pediatric professional life. Boyce WT. **Am J Dis Child** 1990 Aug;144(8):858-60
Quality-of-life changes and hearing impairment. A randomized trial. Mulrow CD, et al. **Ann Intern Med** 1990 Aug 1;113(3):188-94
Hypertensive black men and women. Quality of life and effects of antihypertensive medications. Black Hypertension Quality of Life Multicenter Trial Group. Croog SH, et al. **Arch Intern Med** 1990 Aug;150(8):1733-41
Developing a model for the study of quality of life in elderly patients with chronic disease: use of hypertension as an example. Rice S, et al. **South Med J** 1990 Aug;83(8):941-6

QUESTIONNAIRES

Questionnaire to measure perceived symptoms and disability in asthma. Usherwood TP, et al. **Arch Dis Child** 1990 Jul; 65(7):779-81
The committee meeting alternative. Using the Delphi technique. Whitman NI. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):30-6
Comparison of CAGE questionnaire and computer-assisted laboratory profiles in screening for covert alcoholism. Beresford TP, et al. **Lancet** 1990 Aug 25;336(8713):482-5

QUINIDINE

Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Aronow WS, et al. **Am J Cardiol** 1990 Aug 15;66(4):423-8
Erythromycin-induced long QT syndrome: concordance with quinidine and underlying cellular electrophysiologic mechanism. Nattel S, et al. **Am J Med** 1990 Aug;89(2):235-8

QUINONE REDUCTASES

Evidence for a defect in NADH: ubiquinone oxidoreductase (complex I) in Huntington's disease. Parker WD JR, et al. **Neurology** 1990 Aug;40(8):1231-4

QUINTUPLETS

Coping with three, four, or more [editorial] **Lancet** 1990 Aug 25;336(8713):473

R FACTORS

A novel chromosomal TEM derivative and alterations in outer membrane proteins together mediate selective ceftazidime resistance in Escherichia coli. Weber DA, et al. **J Infect Dis** 1990 Aug;162(2):460-5

RABIES

From the Centers for Disease Control. Rabies and rickettsial diseases hotline. **JAMA** 1990 Aug 8;264(6):680
Survival after rabies immunisation in newborn infant of affected mother [letter] Lumbiganon P, et al. **Lancet** 1990 Aug 4;336(8710):319

RACIAL STOCKS

Glucose tolerance in pregnancy: ethnic variation and influence of body habitus. Green JR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):86-92
Racial differences in serum cotinine levels among smokers in the coronary artery risk development in (young) adults study [see comments] Wagenknecht LE, et al. **Am J Public Health** 1990 Sep;80(9):1053-6. Comment in: Am J Public Health 1990 Sep;80(9):1040-1.

RADIATION DOSAGE

More studies pending of low-dose radiation [news] Marwick C. **JAMA** 1990 Aug 22-29;264(8):944
Operator radiation exposure and cardiac catheterisation route [letter] Pipilis A, et al. **Lancet** 1990 Sep 1;336(8714):567-8

RADIATION INJURIES

Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Ball AB, et al. **Br J Radiol** 1990 May;63(749):346-8
Radiation exposure from fluoroscopy during orthopedic surgical procedures [letter] Schneider M. **Clin Orthop** 1990 Aug;(257):311-2
A triceps musculocutaneous flap for chest-wall defects. Hartrampf CR Jr, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):502-9

RADIATION INJURIES, EXPERIMENTAL

Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. Oldenburg JB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1142-4
Oral glutamine accelerates healing of the small intestine and improves outcome after whole abdominal radiation. Klimberg VS, et al. **Arch Surg** 1990 Aug;125(8):1040-5
Effects of recombinant human granulocyte colony-stimulating factor on the hematologic recovery and survival of irradiated mice. Tanikawa S, et al. **Blood** 1990 Aug 1;76(3):445-9
The effect of Captopril on benign and malignant reactions in irradiated rat skin. Ward WF, et al. **Br J Radiol** 1990 May;63(749):349-54
Enhanced prostaglandin synthesis after ultraviolet injury is mediated by endogenous histamine stimulation. A mechanism for irradiation erythema. Pentland AP, et al. **J Clin Invest** 1990 Aug;86(2):566-74

RADIATION, IONIZING

Stereotactic radiosurgery for acoustic neuromas. Lunsford LD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):907-9 (9 ref.)

RADIATION MONITORING

Radiation exposure of pediatrics residents. Adler R, et al. **Acad Med** 1990 Jun;65(6):419-20
A comparison of two methods of in vivo dosimetry for a high energy neutron beam. Blake SW, et al. **Br J Radiol** 1990 Jun;63(750):476-81
More studies pending of low-dose radiation [news] Marwick C. **JAMA** 1990 Aug 22-29;264(8):944

RADIATION PROTECTION

Radiation protection: sense or nonsense? The British Institute of Radiology. London, 13 December 1989. Abstracts. **Br J Radiol** 1990 May;63(749):373-6
A modified synchronous shielding technique in rotation therapy. Casebow MP. **Br J Radiol** 1990 Jun;63(750):482-7
Radiation-blocking shields to localize periarticular radiation precisely for prevention of heterotopic bone formation around uncemented total hip arthroplasties. Jasty M, et al. **Clin Orthop** 1990 Aug;(257):138-45

RADIATION-PROTECTIVE AGENTS

Further studies on selective radioprotection by organic zinc salts and synergism of zinc aspartate with WR 2721. Floersheim GL, et al. **Br J Radiol** 1990 Jun;63(750):468-75
Radioprotective effects of the immunomodulator AS101. Kalechman Y, et al. **J Immunol** 1990 Sep 1;145(5):1512-7

RADIATION-SENSITIZING AGENTS

Topical infusion of metronidazole in the radiotherapy of tumours of the uterine cervix: interim report on the 2 year survival. Balmukhanov SB, et al. **Br J Radiol** 1990 Jun; 63(750):499-500

RADIO WAVES

Clinical efficacy of radiofrequency current in the treatment of patients with atrioventricular node reentrant tachycardia. Goy JJ, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):418-23

RADIOALLERGOSORBENT TEST

Testing for allergic disease [letter] Smith SJ, et al. **Ann Intern Med** 1990 Aug 15;113(4):331-2

RADIOGRAPHIC IMAGE ENHANCEMENT

A simple method for coloring digital radiographs (of bone) [letter] Channin DS. **AJR Am J Roentgenol** 1990 Sep; 155(3):657-8
Chest radiography: comparison of high-resolution digital displays with conventional and digital film. Cox GG, et al. **Radiology** 1990 Sep;176(3):771-6

RADIOGRAPHY

Perception of teratogenic risk by pregnant women exposed to diagnostic radiation during pregnancy [letter] Mastroiacovo P, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):695

RADIOIMMUNOASSAY

Preparation of monoclonal antibodies against brain natriuretic peptide and their application to radioimmunoassay and passive immunization. Itoh H, et al. **Endocrinology** 1990 Sep;127(3):1292-300

RADIOLOGY

1990 ARRS gold medals. Capp MP. **AJR Am J Roentgenol** 1990 Sep;155(3):638-40
Subspecialization in radiology [Capp MP. **AJR Am J Roentgenol** 1990 Sep;155(3):451-4
Policy statement on grants and awards by the RSNA Research and Education Fund Board of Trustees. Baker HL Jr, et al. **Radiology** 1990 Sep;176(3):861-2

RADIONUCLIDE IMAGING

Recent advances and future projections in clinical radionuclide imaging. Peters AM. **Br J Radiol** 1990 Jun; 63(750):411-29 (80 ref.)

RADIONUCLIDE VENTRICULOGRAPHY

Augmentation of mortality risk discriminating power of left ventricular ejection fraction by measures of nonuniformity in systolic emptying on radionuclide ventriculography. Weissler AM, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):387–95

Determination of diastolic function by radionuclide ventriculography. Clements IP, et al. **Mayo Clin Proc** 1990 Jul;65(7):1007–19 (54 ref.)

RADIOTHERAPY

Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Ball AB, et al. **Br J Radiol** 1990 May;63(749):346–8

A modified synchronous shielding technique in rotation therapy. Casebow MP. **Br J Radiol** 1990 Jun;63(750):482–7

Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Lavey RS, et al. **Cancer** 1990 Sep 1;66(5):874–81

Long-term cardiac sequelae after treatment of malignant tumors with radiotherapy or cytostatics in childhood. Mäkinen L, et al. **Cancer** 1990 May 1;65(9):1913–7

Radiation-blocking shields to localize periarticular radiation precisely for prevention of heterotopic bone formation around uncemented total hip arthroplasties. Jasty M, et al. **Clin Orthop** 1990 Aug;(257):138–45

Management of radiation-induced otitis externa. Robinson AC. **J Laryngol Otol** 1990 Jun;104(6):458–9

Modern radiotherapy results with bulky stages II and III seminoma. Smalley SR, et al. **J Urol** 1990 Sep;144(3):685–9

RADIOTHERAPY, COMPUTER-ASSISTED

A dedicated microcomputer for a superficial radiotherapy unit. Cassell KJ, et al. **Br J Radiol** 1990 Jun;63(750):488–9

RADIOTHERAPY, HIGH ENERGY

The variation of wedge factors with field size on a linear accelerator. Thomas SJ. **Br J Radiol** 1990 May; 63(749):355–6

Osteoporosis after cranial irradiation for acute lymphoblastic leukemia. Gilsanz V, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):238–44

Prostate cancer: post-irradiation incontinence. Green N, et al. **J Urol** 1990 Aug;144(2 Pt 1):307–9

RADIUS FRACTURES

Carbon fibre composite bone plates. Development, evaluation and early clinical experience. Ali MS, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):586–91

RANDOMIZED CONTROLLED TRIALS

Sociodemographic and motivational characteristics of parents who volunteer their children for clinical research: a controlled study. Harth SC, et al. **BMJ** 1990 May 26; 300(6736):1372–5

RANITIDINE

A comparison of the effects of omeprazole and ranitidine on gastric secretion in women undergoing elective caesarean section. Ewart MC, et al. **Anaesthesia** 1990 Jul; 45(7):527–30

Double blind comparative study of omeprazole and ranitidine in patients with duodenal or gastric ulcer: a multicentre trial. Cooperative study group. **Gut** 1990 Jun;31(6):653–6

RAS GENES

Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930–5

Genetic abnormalities in sporadic parathyroid adenomas. Friedman E, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):293–7

K-ras oncogene activation as a prognostic marker in adenocarcinoma of the lung. Slebos RJ, et al. **N Engl J Med** 1990 Aug 30;323(9):561–5

RATE SETTING AND REVIEW

Impact of the Medicare fee schedule on payments to physicians. Levy JM, et al. **JAMA** 1990 Aug 8; 264(6):717–22

RATS, INBRED STRAINS

Adoptive transfer of diabetes in BB rats induced by CD4 T lymphocytes. Métroz-Dayer MD, et al. **Diabetes** 1990 Aug;39(8):928–32

Inhibition of type 1 diabetes in BB rats with recombinant human tumor necrosis factor-alpha. Satoh J, et al. **J Immunol** 1990 Sep 1;145(5):1395–9

RATS, MUTANT STRAINS

Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Sanacora G, et al. **Endocrinology** 1990 Aug;127(2):730–7

RAYNAUD'S DISEASE

The effect of diltiazem on calcinosis in a patient with the CREST syndrome. Farah MJ, et al. **Arthritis Rheum** 1990 Aug;33(8):1287–93

Pregnancy outcomes in women with primary Raynaud's phenomenon. Kahl LE, et al. **Arthritis Rheum** 1990 Aug; 33(8):1249–55

Raynaud's disease in childhood with radiological features. Shono T, et al. **Br J Radiol** 1990 May;63(749):364–6

Arthritis mutilans, tumoral calcinosis, Raynaud's phenomenon and Sjögren's syndrome. Monteagudo M, et al. **Br J Rheumatol** 1990 Aug;29(4):303–5

REAGENT KITS, DIAGNOSTIC

Comparison of Coloscreen Self-Test and Haemoccult faecal occult blood tests in the detection of colorectal cancer in symptomatic patients. Pye G, et al. **Br J Surg** 1990 Jun; 77(6):630–1

Portable cholesterol analyzers [letter] **JAMA** 1990 Sep 5; 264(9):1101–3

Early US experience with anti-HCV kit in blood donors [letter] Menitove JE, et al. **Lancet** 1990 Jul 28; 336(8709):244–5

New colorimetric test for rapid diagnosis of streptococcal pharyngitis: a warning. Gerber MA, et al. **Pediatrics** 1990 Sep;86(3):457–9

RECEPTORS, ADRENERGIC, ALPHA

Altered platelet alpha 2-adrenergic receptor binding sites in borderline personality disorder. Southwick SM, et al. **Am J Psychiatry** 1990 Aug;147(8):1014–7

Alpha-adrenergic component of the sympathetic nervous system in congestive heart failure. Leier CV, et al. **Circulation** 1990 Aug;82(2 Suppl):I68–76 (116 ref.)

Photoperiodic control of adipocyte alpha 2-adrenoceptors in Syrian hamsters: role of testosterone. Saulnier-Blache JS, et al. **Endocrinology** 1990 Sep;127(3):1245–53

Decreased high affinity state in platelet alpha 2-adrenoceptors from diabetic patients with orthostatic hypotension. Senard JM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):311–7

Role of alpha adrenoceptors in opossum internal anal sphincter. Yamato S, et al. **J Clin Invest** 1990 Aug; 86(2):424–9

Stimulation of alpha-adrenergic receptor augments the production of macrophage-derived tumor necrosis factor. Spengler RN, et al. **J Immunol** 1990 Sep 1;145(5):1430–4

RECEPTORS, ADRENERGIC, BETA

Comparison of the effects of prolonged treatment with low and high doses of inhaled terbutaline on beta-adrenoceptor responsiveness in patients with chronic obstructive pulmonary disease. Lipworth BJ, et al. **Am Rev Respir Dis** 1990 Aug;142(2):338–42

Beta 2-adrenoceptors in human lung and peripheral mononuclear leukocytes of untreated and terbutaline-treated patients. Hauck RW, et al. **Chest** 1990 Aug;98(2):376–81

Beta-adrenergic pathways in nonfailing and failing human ventricular myocardium. Bristow MR, et al. **Circulation** 1990 Aug;82(2 Suppl):I12–25 (106 ref.)

In vivo studies of myocardial beta-adrenergic receptor pharmacology in patients with congestive heart failure. Colucci WS. **Circulation** 1990 Aug;82(2 Suppl):I44–51 (34 ref.)

Mechanisms of abnormal transmembrane signaling of the beta-adrenergic receptor in congestive heart failure. Horn EM, et al. **Circulation** 1990 Aug;82(2 Suppl):I26–34

RECEPTORS, ANGIOTENSIN

Oxytocin and vasopressin receptors in bovine endometrium and myometrium during the estrous cycle and early pregnancy. Fuchs AR, et al. **Endocrinology** 1990 Aug; 127(2):629–36

Myometrial oxytocin receptors levels in the pregnant rat are higher in distal than in proximal portions of the horn and correlate with disparate oxytocin responsive myometrial contractility in these segments. Gorodeski GI, et al. **Endocrinology** 1990 Sep;127(3):1136–43

RECEPTORS, ANTIGEN, T-CELL

Identification of activated T cell receptor gamma delta lymphocytes in the liver of tumor-bearing hosts. Seki S, et al. **J Clin Invest** 1990 Aug;86(2):409–15

Preferential localisation of human lymphocytes bearing gamma delta T cell receptors to the red pulp of the spleen. Bordessoule D, et al. **J Clin Pathol** 1990 Jun;43(6):461–4

The T cell receptor-associated protein is proteolytically cleaved in a pre-Golgi compartment. Antusch D, et al. **J Immunol** 1990 Aug 1;145(3):885–90

NK1.1+ thymocytes. Adult murine CD4-, CD8- thymocytes contain an NK1.1+, CD3+, CD5hi, CD44hi, TCR-V beta 8+ subset. Ballas ZK, et al. **J Immunol** 1990 Aug 15;145(4):1039–45

Down-regulation of IL-2 production by activation of T cells through Ly-6A/E. Codias EK, et al. **J Immunol** 1990 Sep 1;145(5):1407–14

T cell receptor delta-gene expression and diversity in the mouse spleen. Ezquerra A, et al. **J Immunol** 1990 Sep 1; 145(5):1311–7

A T cell receptor V alpha region selectively expressed in CD4+ cells. Jameson SC, et al. **J Immunol** 1990 Sep 1; 145(5):1324–31

Accessory cell-independent stimulation of human T cells by streptococcal M protein superantigen. Kotb M, et al. **J Immunol** 1990 Sep 1;145(5):1332–6

Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42

Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. Kuchroo VK, et al. **J Immunol** 1990 Aug 15;145(4):1059–65

Multiple nuclear factors interact with sequences within the J beta 2-C beta 2 intron of the murine T cell receptor beta-chain gene. Mauxion F, et al. **J Immunol** 1990 Sep 1;145(5):1577–82

Differentiation and functional maturation of bone marrow-derived intestinal epithelial T cells expressing membrane T cell receptor in athymic radiation chimeras. Mosley RL, et al. **J Immunol** 1990 Sep 1;145(5):1369–75

CD-3-mediated activation of MAP-2 kinase can be modified by ligation of the CD4 receptor. Evidence for tyrosine phosphorylation during activation of this kinase. Nel AE, et al. **J Immunol** 1990 Aug 1;145(3):971–9

IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. Nieto MA, et al. **J Immunol** 1990 Sep 1;145(5):1364–8

Differential CD3/T cell antigen receptor-mediated IL-2 production in jurkat T cells. Dissociation of IL-2 response from total inositol phosphate and calcium responses. Stohl W, et al. **J Immunol** 1990 Aug 15;145(4):1078–87

Deviations in thymocyte development induced by divalent and monovalent ligation of the alpha/beta T cell receptor and by its cross-linking to CD8. Yachelini P, et al. **J Immunol** 1990 Sep 1;145(5):1382–9

RECEPTORS, CHOLECYSTOKININ

Absence of a gastrin inhibitory factor in the IgG fraction of serum from patients with pernicious anaemia. Smith JT, et al. **Gut** 1990 Aug;31(8):871–4

RECEPTORS, COMPLEMENT

Role of complement receptors in opsonophagocytosis of group B streptococci by adult and neonatal neutrophils. Smith CL, et al. **J Infect Dis** 1990 Aug;162(2):489–95

Untreated intra-abdominal sepsis: lack of synergism between polymorphonuclear leukocyte (PMN) complement receptors CR1/CR3 and IgG receptor FcRIII. Simms HH, et al. **J Trauma** 1990 Aug;30(8):1027–31

RECEPTORS, DOPAMINE

Role of dopamine receptors and the utility of dopamine agonists in heart failure. Rajfer SI, et al. **Circulation** 1990 Aug;82(2 Suppl):I97–102 (77 ref.)

RECEPTORS, DRUG

Pharmacological regulation of the circulation of bone. Brinker MR, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):964–75

RECEPTORS, ENDOGENOUS SUBSTANCES

Signal transduction of the human granulocyte-macrophage colony-stimulating factor and interleukin-3 receptors involves tyrosine phosphorylation of a common set of cytoplasmic proteins. Kanakura Y, et al. **Blood** 1990 Aug 15;76(4):706–15

Detection and isolation of the erythropoietin receptor using biotinylated erythropoietin. Wognum AW, et al. **Blood** 1990 Aug 15;76(4):697–705

Elevation of plasma thrombomodulin level in diabetic patients with early diabetic nephropathy. Iwashima Y, et al. **Diabetes** 1990 Aug;39(8):983–8

Demonstration of lactogenic receptors in rat endocrine pancreases by quantitative autoradiography. Polak M, et al. **Diabetes** 1990 Sep;39(9):1045–9

Characterization of glycosylated bovine placental lactogen and the effect of enzymatic deglycosylation on receptor binding and biological activity. Byatt JC, et al. **Endocrinology** 1990 Sep;127(3):1041–9

Three distinct forms of insulin-like growth factor binding proteins are released by decidual cells in culture. Clemmons DR, et al. **Endocrinology** 1990 Aug;127(2):643–50

Effects of endothelin-1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Cozza EN,

et al. **Endocrinology** 1990 Aug;127(2):549–54
Increased activity of insulin-like growth factor (IGF) in osteoblastic cells in the presence of growth hormone (GH): positive correlation with the presence of the GH-induced IGF-binding protein BP-3. Ernst M, et al. **Endocrinology** 1990 Aug;127(2):807–14
Production of an insulin-like growth factor (IGF)-inducible IGF-binding protein by human skin fibroblasts. Martin JL, et al. **Endocrinology** 1990 Aug;127(2):781–8
Monoclonal antibodies as probes to study the human growth hormone-binding domain to lactogenic rat liver receptors. Roguin LP, et al. **Endocrinology** 1990 Sep;127(3):1009–15
The state of differentiation of embryonic chicken lens cells determines insulin-like growth factor I internalization. Soler AP, et al. **Endocrinology** 1990 Aug;127(2):595–603
Production of the rat type 1 insulin-like growth factor-binding protein by well differentiated H4EIIC3 hepatoma cells: identification, purification, and N-terminal amino acid analysis. Unterman TG, et al. **Endocrinology** 1990 Aug;127(2):789–97
Insulin-like growth factor binding proteins in human breast cancer cells: relationship to hIGFBP-2 and hIGFBP-3. De Leon DD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):530–2
Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. Nakhla AM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):398–404
An inhibitory insulin-like growth factor binding protein (In-IGFBP) from human prostatic cell conditioned medium reveals N-terminal sequence identity with bone derived In-IGFBP. Perkel VS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):533–5
Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans. Czop JK, et al. **J Immunol** 1990 Aug 1; 145(3):995–1001
Biosynthesis pathway of gp90MEL-14, the mouse lymph node-specific homing receptor. van de Rijn M, et al. **J Immunol** 1990 Sep 1;145(5):1477–82
Insulin-like growth factor I receptors in the arteries of the rabbit: autoradiographic mapping and receptor characterization. Sidawy AN, et al. **Surgery** 1990 Aug; 108(2):165–70; discussion 170–1

RECEPTORS, ENDORPHIN

Neuroleptic drugs and the sigma receptor [letter] Hoffman DW. **Am J Psychiatry** 1990 Aug;147(8):1093–4
Selective stimulation of colonic motor response to a meal by sigma ligands in dogs. Junien JL, et al. **Gastroenterology** 1990 Sep;99(3):684–9

RECEPTORS, EPIDERMAL GROWTH FACTOR-UROGASTRONE

Immunohistochemical study of epidermal growth factor and epidermal growth factor receptor in gastric carcinomas [letter] Ohshio G, et al. **Cancer** 1990 May 1;65(9):2102
Relationship between epidermal growth factor receptor status and various prognostic factors in human breast cancer. Toi M, et al. **Cancer** 1990 May 1;65(9):1980–4
Epidermal growth factor (EGF) receptors in human chorionic gonadotropin-producing tumor: transplantation in nude mice and the effect of EGF on tumor growth. Miyachi Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):329–34
Expression of epidermal growth factor receptor and HER-2/neu in normal and neoplastic cervix, vulva, and vagina. Berchuck A, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):381–7

RECEPTORS, ESTROGEN

Clinicopathologic comparisons between estrogen receptor-positive and -negative hepatocellular carcinomas. Nagasue N, et al. **Ann Surg** 1990 Aug;212(2):150–4
Receptors in acoustic neuroma [letter] Monsell EM. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1092
Antisera to a synthetic peptide recognize native and denatured rat estrogen receptors. Furlow JD, et al. **Endocrinology** 1990 Sep;127(3):1028–32

RECEPTORS, FC

Abnormal FcRIII expression by neutrophils from very preterm neonates. Carr R, et al. **Blood** 1990 Aug 1; 76(3):607–11
Soluble Fc gamma receptor III in human plasma originates from release by neutrophils. Huizinga TW, et al. **J Clin Invest** 1990 Aug;86(2):416–23
Evaluation of the antibody-dependent cytotoxic capabilities of individual human monocytes. Role of Fc gamma RI and Fc gamma RII and the effects of cytokines at the single cell level. Connor RI, et al. **J Immunol** 1990 Sep 1; 145(5):1483–9
Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. Krutmann J, et al. **J Immunol** 1990 Sep 1;145(5):1337–42
Transmembrane signaling during natural killer cell-mediated cytotoxicity. Regulation by protein kinase C activation. Leibson PJ, et al. **J Immunol** 1990 Sep 1;145(5):1498–504
Untreated intra-abdominal sepsis: lack of synergism between polymorphonuclear leukocyte (PMN) complement receptors CR1/CR3 and IgG receptor FcRIII. Simms HH, et al. **J Trauma** 1990 Aug;30(8):1027–31

RECEPTORS, FSH

Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949–56

RECEPTORS, GABA-BENZODIAZEPINE

On the mechanism by which midazolam causes spinally mediated analgesia. Edwards M, et al. **Anesthesiology** 1990 Aug;73(2):273–7
Gamma-aminobutyric acid-A and -B receptor antagonists increase luteinizing hormone-releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen-treated rats. Hartman RD, et al. **Endocrinology** 1990 Sep;127(3):1336–45
Endogenous steroids and pathogenesis of hepatic encephalopathy [letter] Zaman SH. **Lancet** 1990 Sep 1; 336(8714):573–4

RECEPTORS, GASTROINTESTINAL HORMONE

Characterization of the receptors for peptide-YY and avian pancreatic polypeptide in chicken and pig brains. Inui A, et al. **Endocrinology** 1990 Aug;127(2):934–41
Development of motilin receptors and of motilin- and erythromycin-induced contractility in rabbits. Depoortere I, et al. **Gastroenterology** 1990 Sep;99(3):652–8

RECEPTORS, GLUCOCORTICOID

Glucocorticoid receptor identified on nuclear envelopes of male rat livers by affinity labeling and immunochemistry. Howell GM, et al. **Endocrinology** 1990 Sep;127(3):1087–96
Biological activity of the fatty acid ester metabolites of corticoids. Petrazzuoli M, et al. **Endocrinology** 1990 Aug; 127(2):555–9
Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. Reul JM, et al. **Endocrinology** 1990 Aug;127(2):907–15

RECEPTORS, IMMUNOLOGIC

Signal transduction of the human granulocyte-macrophage colony-stimulating factor and interleukin-3 receptors involves tyrosine phosphorylation of a common set of cytoplasmic proteins. Kanakura Y, et al. **Blood** 1990 Aug 15;76(4):706–15
A new hematopoietic cell line, KMT-2, having human interleukin-3 receptors. Tamura S, et al. **Blood** 1990 Aug 1;76(3):501–7
Binding of proteolytically-degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Chadee K, et al. **Gut** 1990 Aug; 31(8):890–5
IL-1 binds to high affinity receptors on human osteosarcoma cells and potentiates prostaglandin E2 stimulation of cAMP production. Rodan SB, et al. **J Immunol** 1990 Aug 15; 145(4):1231–7
Down-regulation of mannose receptor activity in macrophages after treatment with lipopolysaccharide and phorbol esters. Shepherd VL, et al. **J Immunol** 1990 Sep 1;145(5):1530–6

RECEPTORS, INSULIN

The insulin receptor. A multifunctional protein. Olefsky JM. **Diabetes** 1990 Sep;39(9):1009–16 (67 ref.)
Expression of atypical and classical insulin receptors in Chinese hamster ovary cells transfected with cloned cDNA for the human insulin receptor. Jonas HA, et al. **Endocrinology** 1990 Sep;127(3):1301–9

RECEPTORS, INTERLEUKIN-2

Elevated concentration of soluble interleukin-2 receptors in serum of smokers and patients with lung cancer. Correlation with clinical activity. Ginns LC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):398–402
The systemic capillary leak syndrome: appearance of interleukin-2-receptor-positive cells during attacks. Cicardi M, et al. **Ann Intern Med** 1990 Sep 15;113(6):475–7
Expression and secretion of IL-2 receptor in trauma patients. Teodorczyk-Injeyan JA, et al. **Ann Surg** 1990 Aug; 212(2):202–8
Psychological stress-induced modulation of interleukin 2 receptor gene expression and interleukin 2 production in peripheral blood leukocytes. Glaser R, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):707–12
The soluble interleukin-2 receptor in rheumatic disease. Rubin LA. **Arthritis Rheum** 1990 Aug;33(8):1145–8
Flow cytometric analysis of expression of interleukin-2 receptor beta chain (p70-75) on various leukemic cells. Hoshino S, et al. **Blood** 1990 Aug 15;76(4):767–74
Impaired natural killer activity and expression of interleukin-2 receptor antigen in familial erythrophagocytic lymphohistiocytosis. Kataoka Y, et al. **Cancer** 1990 May 1;65(9):1937–41
Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Hatamori N, et al. **Diabetes** 1990 Sep;39(9):1070–8
Interleukin-2 activity and serum levels of soluble interleukin-2 receptors in chronic active hepatitis B [letter] Casafont F, et al. **Dig Dis Sci** 1990 Aug;35(8):1045
Soluble interleukin 2 receptors in autoimmune chronic active hepatitis. Lobo-Yeo A, et al. **Gut** 1990 Jun;31(6):690–3
cAMP regulation of IL-2 receptor expression. Selective modulation of the p75 subunit. Johnson KW, et al. **J Immunol** 1990 Aug 15;145(4):1144–51
IL-4 inhibits the expression of high affinity IL-2 receptors on monoclonal human B cells. Karray S, et al. **J Immunol** 1990 Aug 15;145(4):1152–8
Lymphokine-regulated differential expression of mRNA for p75kDa-IL-2R and p55kDa-IL-2R in a cloned B lymphoma line (BLC1-CL-3 cells). Nakanishi K, et al. **J Immunol** 1990 Sep 1;145(5):1423–9

RECEPTORS, LDL

Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Staels B, et al. **Endocrinology** 1990 Sep; 127(3):1144–52

RECEPTORS, LEUKOCYTE-ADHESION

On the species specificity of the interaction of LFA-1 with intercellular adhesion molecules. Johnston SC, et al. **J Immunol** 1990 Aug 15;145(4):1181–7
Engagement of the monocyte surface antigen CD14 induces lymphocyte function-associated antigen-1/intercellular adhesion molecule-1-dependent homotypic adhesion. Lauener RP, et al. **J Immunol** 1990 Sep 1;145(5):1390–4
Inhibition of CD18-dependent neutrophil adherence reduces organ injury after hemorrhagic shock in primates. Mileski WJ, et al. **Surgery** 1990 Aug;108(2):206–12

RECEPTORS, LH

Production and characterization of polyclonal antiserum to rat luteinizing hormone/chorionic gonadotropin receptor and its immunohistochemical application for studying receptor location and down-regulation. Lakkakorpi JT, et al. **Endocrinology** 1990 Aug;127(2):513–22
The orientation of the lutropin/choriogonadotropin receptor in rat luteal cells as revealed by site-specific antibodies. Rodriguez MC, et al. **Endocrinology** 1990 Aug; 127(2):674–81
Insulin-like growth factor-I enhances luteinizing hormone binding to rat ovarian theca-interstitial cells. Cara JF, et al. **J Clin Invest** 1990 Aug;86(2):560–5

RECEPTORS, MITOGEN

Induction and regulation of IL-4 receptor expression on murine macrophage cell lines and bone marrow-derived macrophages by IFN-gamma. Feldman GM, et al. **J Immunol** 1990 Aug 1;145(3):854–9

RECEPTORS, MUSCARINIC

Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. Iacovou JW, et al. **J Urol** 1990 Sep;144(3):775–9

RECEPTORS, NEUROHUMOR

Characterization of the receptors for peptide-YY and avian pancreatic polypeptide in chicken and pig brains. Inui A, et al. **Endocrinology** 1990 Aug;127(2):934–41
Solubilization and purification of melatonin receptors from lizard brain. Rivkees SA, et al. **Endocrinology** 1990 Sep; 127(3):1206–14

RECEPTORS, PROGESTERONE

Receptors in acoustic neuroma [letter] Monsell EM. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1092
Survival of patients with ovarian cancer. Apart from stage and grade, tumor progesterone receptor content is a prognostic indicator. Slotman BJ, et al. **Cancer** 1990 Aug 15;66(4):740–4
Monoclonal and polyclonal antibodies to human progesterone receptor peptide-(533-547) recognize a specific site in unactivated (8S) and activated (4S) progesterone receptor and distinguish between intact and proteolyzed receptors. Traish AM, et al. **Endocrinology** 1990 Sep;127(3):1167–75

RECEPTORS, PROLACTIN

Glycosylated human prolactin: alterations in glycosylation pattern modify affinity for lactogen receptor and values

in prolactin radioimmunoassay. Haro LS, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):379–83

RECEPTORS, PROSTAGLANDIN

Combined thromboxane A2 synthetase inhibition and receptor blockade are effective in preventing spontaneous and epinephrine-induced canine coronary cyclic flow variations. Yao SK, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):705–13

RECEPTORS, PURINERGIC

Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. Iacovou JW, et al. **J Urol** 1990 Sep;144(3):775–9

RECEPTORS, SEROTONIN

Changes in anterior pituitary hormone levels after serotonin 1A receptor stimulation. Di Sciullo A, et al. **Endocrinology** 1990 Aug;127(2):567–72

RECEPTORS, SOMATOTROPIN

Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Niimi S, et al. **Endocrinology** 1990 Aug;127(2):688–94

Growth hormone receptors are up-regulated in diabetic adipocytes. Solomon SS, et al. **Endocrinology** 1990 Sep; 127(3):1544–6

RECEPTORS, STEROID

Sex steroid receptors in intracranial tumors. Romić Stojković R, et al. **Cancer** 1990 May 1;65(9):1968–70

Parathyroid hormone down-regulates 1,25-dihydroxyvitamin D receptors (VDR) and VDR messenger ribonucleic acid in vitro and blocks homologous up-regulation of VDR in vivo. Reinhardt TA, et al. **Endocrinology** 1990 Aug;127(2):942–8

Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. Reul JM, et al. **Endocrinology** 1990 Aug;127(2):907–15

RECEPTORS, THYROTROPIN

The functional expression of recombinant human thyrotropin receptors in nonthyroidal eukaryotic cells provides evidence that homologous desensitization to thyrotropin stimulation requires a cell-specific factor. Chazenbalk GD, et al. **Endocrinology** 1990 Sep;127(3):1240–4

RECEPTORS, TRANSFERRIN

Antitransferrin receptor immunotoxin inhibits proliferating human retinal pigment epithelial cells. Jaffe GJ, et al. **Arch Ophthalmol** 1990 Aug;108(8):1163–8

RECOMBINANT PROTEINS

Hematologic effects of recombinant murine granulocyte-macrophage colony-stimulating factor on the peripheral blood and bone marrow. Ulich TR, et al. **Am J Pathol** 1990 Aug;137(2):369–76

Subcutaneous recombinant granulocyte-macrophage colony-stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Pluda JM, et al. **Blood** 1990 Aug 1;76(3):463–72

The functional expression of recombinant human thyrotropin receptors in nonthyroidal eukaryotic cells provides evidence that homologous desensitization to thyrotropin stimulation requires a cell-specific factor. Chazenbalk GD, et al. **Endocrinology** 1990 Sep;127(3):1240–4

Regulation of growth hormone (GH) bioactivity by a recombinant human GH-binding protein. Lim L, et al. **Endocrinology** 1990 Sep;127(3):1287–91

RECREATION

A pilot survey of aquatic activities and related consumption of alcohol, with implications for drowning. Howland J, et al. **Public Health Rep** 1990 Jul–Aug;105(4):415–9

RECTAL DISEASES

Rectopexy for internal rectal intussusception. McCue JL, et al. **Br J Surg** 1990 Jun;77(6):632–4

Proctologic management of the HIV-positive patient. Beck DE, et al. **South Med J** 1990 Aug;83(8):900–3

RECTAL FISTULA

Fetal vesicorectal fistula causing oligohydramnios in the second trimester. Case report. Arulkumaran S, et al. **Br J Obstet Gynaecol** 1990 May;97(5):449–51

RECTAL NEOPLASMS

Rectal small cell cancer in an HIV-positive man. Smitherman MH, et al. **Am J Med** 1990 Aug;89(2):239–40

Relationship between age and survival in cancer of the colon and rectum with special reference to patients less than 40 years of age. Enblad G, et al. **Br J Surg** 1990 Jun; 77(6):611–6

Endoluminal ultrasound for early detection of local recurrence of rectal cancer [letter] Reed MW, et al. **Br J Surg** 1990 Jun;77(6):716

High versus low ligation of the inferior mesenteric artery in rectal cancer. Surtees P, et al. **Br J Surg** 1990 Jun; 77(6):618–21

The risk of subsequent primary malignant diseases after cancers of the colon and rectum. A nationwide cohort study. Enblad P, et al. **Cancer** 1990 May 1;65(9):2091–100

Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Verhest A, et al. **Cancer** 1990 May 1;65(9):2047–54

Preoperative radiotherapy is better than postoperative radiotherapy in patients with rectal cancer. Thirlby RC. **Gastroenterology** 1990 Sep;99(3):895–7

Sialic acid histochemistry and the adenoma-carcinoma sequence in colorectum. Agawa S, et al. **J Clin Pathol** 1990 Jul;43(7):527–32

Endoscopic transanal resection [editorial] **Lancet** 1990 Aug 18;336(8712):411–2

Preoperative staging of rectal carcinoma with MR imaging: surgical and histopathologic correlation [see comments] de Lange EE, et al. **Radiology** 1990 Sep;176(3):623–8. Comment in: Radiology 1990 Sep;176(3):617–9.

Surveillance strategies after resection of carcinoma of the colon and rectum. Fantini GA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):267–73 (58 ref.)

RECTUM

Addition of parenteral cefoxitin to regimen of oral antibiotics for elective colorectal operations. A randomized prospective study. Schoetz DJ Jr, et al. **Ann Surg** 1990 Aug;212(2):209–12

A rapid and simple in vitro method for evaluating human colorectal epithelial proliferation. Darmon E, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):855–7

Restorative proctocolectomy without temporary ileostomy. Everett WG, et al. **Br J Surg** 1990 Jun;77(6):621–2

Peroperative observation of marginal artery bleeding; a predictor of anastomotic leakage [letter] Grace R. **Br J Surg** 1990 Jun;77(6):714

Constipation: another indication for restorative proctocolectomy. Hosie KB, et al. **Br J Surg** 1990 Jul; 77(7):801–2

Rectopexy for internal rectal intussusception. McCue JL, et al. **Br J Surg** 1990 Jun;77(6):632–4

Manovolumetric and sensory characteristics of the ileoanal J pouch compared with healthy rectum. Oresland T, et al. **Br J Surg** 1990 Jul;77(7):803–6

Clinical assessment and anorectal manometry before postanal repair: failure to predict outcome. Scott AD, et al. **Br J Surg** 1990 Jun;77(6):628–9

Changes in rectal sensitivity after hypnotherapy in patients with irritable bowel syndrome. Prior A, et al. **Gut** 1990 Aug;31(8):896–8

Preoperative staging of rectal carcinoma with MR imaging: surgical and histopathologic correlation [see comments] de Lange EE, et al. **Radiology** 1990 Sep;176(3):623–8. Comment in: Radiology 1990 Sep;176(3):617–9.

RED CELL APLASIA, PURE

Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Cavanzo FJ, et al. **Gastroenterology** 1990 Sep;99(3):854–6

REFERRAL AND CONSULTATION

A comparison of manual and MEDLARS reviews of the literature on consultation-liaison psychiatry. Bareta JC, et al. **Am J Psychiatry** 1990 Aug;147(8):1040–2

What will happen to our freedom to refer? [letter] Hall SA. **BMJ** 1990 Jun 23;300(6740):1647

REFLEX

Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. Riggs JE. **South Med J** 1990 Aug;83(8):955–6

REFUGEES

The case against HIV antibody testing of refugees and immigrants [letter] Hall PF. **Can Med Assoc J** 1990 Aug 1;143(3):172–3

Cancer risks and prevention practices among Vietnamese refugees. Jenkins CN, et al. **West J Med** 1990 Jul; 153(1):34–9

REGISTRIES

The Vietnam Era Twin Registry: a resource for medical research. Henderson WG, et al. **Public Health Rep** 1990 Jul–Aug;105(4):368–73

REHABILITATION

Research in physical medicine and rehabilitation. IX. Primary data analysis. Findley TW. **Am J Phys Med Rehabil** 1990 Aug;69(4):209–18 (27 ref.)

Questions asked by patients and their support groups during family conferences on inpatient rehabilitation units. Glennon TP, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):699–702

REIMBURSEMENT MECHANISMS

Problems with incentives [editorial; comment] Todd JS. **JAMA** 1990 Sep 12;264(10):1294–5. Comment on: JAMA 1990 Sep 12;264(10):1255–60. Comment on: JAMA 1990 Sep 12;264(10):1261–6.

Physician payment reform [letter] Levine MC. **West J Med** 1990 Jul;153(1):88

RELATIVE VALUE SCALES

Impact of the Medicare fee schedule on payments to physicians. Levy JM, et al. **JAMA** 1990 Aug 8; 264(6):717–22

RELAXATION

The privilege of pain (or, how does one spell r-e-l-i-e-f?) [editorial] Johnson EW. **Am J Phys Med Rehabil** 1990 Aug; 69(4):179

RELAXATION TECHNICS

Relaxation therapy and continuous ambulatory blood pressure in mild hypertension: a controlled study. van Montfrans GA, et al. **BMJ** 1990 May 26;300(6736):1368–72

RELAXIN

Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Steinetz BG, et al. **Endocrinology** 1990 Sep;127(3):1057–63

Ovarian relaxin is not essential for dilatation of cervix [letter] Eddie LW, et al. **Lancet** 1990 Jul 28;336(8709):243

RELIGION AND MEDICINE

The tadidiin (corn pollen) syndrome [letter] Freeman GL. **J Allergy Clin Immunol** 1990 Aug;86(2):275

Medical symbols: Shou. Shampo MA, et al. **Mayo Clin Proc** 1990 Jul;65(7):990

RENAL ARTERY

Improved results of vascular reconstruction in pediatric and young adult patients with renovascular hypertension. Martinez A, et al. **J Urol** 1990 Sep;144(3):717–20

Surgical treatment for isolated dissection of the renal artery. Slavis SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):233–7

RENAL ARTERY OBSTRUCTION

Surgical treatment for isolated dissection of the renal artery. Slavis SA, et al. **J Urol** 1990 Aug;144(2 Pt 1):233–7

Renal artery stenosis and peripheral vascular disease: implications for ACE inhibitor therapy [letter] Salmon P, et al. **Lancet** 1990 Aug 4;336(8710):321

Renal artery stenosis: diagnosis with color duplex US [letter] Healy DA, et al. **Radiology** 1990 Sep;176(3):877–8

RENAL CIRCULATION

Effects of atrial natriuretic peptide versus mannitol on renal blood flow during radiocontrast infusion in chronic renal failure. Kurnik BR, et al. **J Lab Clin Med** 1990 Jul; 116(1):27–36

RENAL OSTEODYSTROPHY

Ifosfamide-induced renal tubular dysfunction and rickets in children with Wilms tumor. Burk CD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):331–5

RENAL VEINS

Division of the left renal vein during aortic surgery. Calligaro KD, et al. **Am J Surg** 1990 Aug;160(2):192–6

RENIN-ANGIOTENSIN SYSTEM

The renin-angiotensin system in hypertension: an update. Brunner HR. **Hosp Pract [Off]** 1990 Aug 15;25(8):71–81 (7 ref.)

Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system. O'Neill P, et al. **Surgery** 1990 Aug;108(2):356–62

REPERFUSION

Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Pillai R, et al. **Ann Thorac Surg** 1990 Aug;50(2):211–4

REPERFUSION INJURY

Role of eicosanoids and white blood cells in the beneficial effects of limited reperfusion after ischemia-reperfusion injury in skeletal muscle. Anderson RJ, et al. **Am J Surg** 1990 Aug;160(2):151-5

Oxygen free radical scavengers decrease reperfusion injury in lung transplantation. Detterbeck FC, et al. **Ann Thorac Surg** 1990 Aug;50(2):204-9; discussion 209-10

Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Pillai R, et al. **Ann Thorac Surg** 1990 Aug;50(2):211-4

Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Nauta RJ, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):120-5

Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione. Stein HJ, et al. **Surgery** 1990 Aug;108(2):467-73; discussion 473-4

REPETITION STRAIN INJURY

Overuse syndrome in musicians. When playing an instrument hurts. Mandel S. **Postgrad Med** 1990 Aug;88(2):111-4

REPETITIVE SEQUENCES, NUCLEIC ACID

Family studies and prenatal diagnosis in severe von Willebrand disease by polymerase chain reaction amplification of a variable number tandem repeat region of the von Willebrand factor gene. Peake IR, et al. **Blood** 1990 Aug 1;76(3):555-61

RESEARCH

The association between students' research involvement in medical school and their postgraduate medical activities. Segal S, et al. **Acad Med** 1990 Aug;65(8):530-3

Medical research and research! America. Weicker L Jr. **Acad Med** 1990 Aug;65(8):521

Academic missions of division chiefs in pediatric departments. IV. The division chief as a developer of research programs in a pediatric division. Chesney RW. **Am J Dis Child** 1990 Aug;144(8):895-7

Animal rights and human rights. It's time to pull the frog out of the pot. Bailey BJ. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1017-8

The future of medical research in Canada [letter] Thompson JM. **Can Med Assoc J** 1990 Aug 15;143(4):260

Animals in research: a quote out of context [letter] Beeson PB. **JAMA** 1990 Sep 5;264(9):1105

Research in surgery: comparison of British and American practice [letter] Siriwardena A. **Lancet** 1990 Aug 18; 336(8712):444

Declining American representation in leading clinical research journals [letter] **N Engl J Med** 1990 Aug 30; 323(9):608-11

Upon these rocks [editorial; comment] Rothstein JM. **Phys Ther** 1990 Aug;70(8):467-9. Comment on: Phys Ther 1990 Aug;70(8):470-6; discussion 476-9.

RESEARCH DESIGN

Statistical analysis of repeated measures in psychiatric research [see comments] Ekstrom D, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):770-2. Comment in: Arch Gen Psychiatry 1990 Aug;47(8):775-8.

A comment on the selection of 'healthy controls' for psychiatric experiments [letter] Gibbons RD, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):785-6

CCCVA, MANOVA, my black hen. Comments on repeated measures [comment] Lavori P. **Arch Gen Psychiatry** 1990 Aug;47(8):775-8. Comment on: Arch Gen Psychiatry 1990 Aug;47(8):770-2.

Unnecessary confusion about opposite findings in two studies of tricyclic treatment of bipolar illness [letter] Wehr TA. **Arch Gen Psychiatry** 1990 Aug;47(8):787-8

RESEARCH SUPPORT

Innovations in clinical practice through hospital-funded grants. Franklin PD, et al. **Acad Med** 1990 Jun;65(6):355-60

Government support for lung research. Brigham KL. **Am Rev Respir Dis** 1990 Aug;142(2):271-3

CEOs: politics hurts long-term medical research. Johnsson J. **Hospitals** 1990 Aug 20;64(16):22

Policy statement on grants and awards by the RSNA Research and Education Fund Board of Trustees. Baker HL Jr, et al. **Radiology** 1990 Sep;176(3):861-2

RESIDENTIAL FACILITIES

Medicaid regulations for long-term care. **J Am Diet Assoc** 1990 Aug;90(8):1062-3

RESINS, SYNTHETIC

Bony ankylosis of the temporomandibular joint: case report of a child treated with delrin condylar implants. Westermark AH, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):861-5

RESPIRATION

NHLBI Workshop summary. Respiratory muscle fatigue. Report of the Respiratory Muscle Fatigue Workshop Group [see comments] **Am Rev Respir Dis** 1990 Aug; 142(2):474-80. Comment in: Am Rev Respir Dis 1990 Aug;142(2):274.

Inspiratory muscle strength and respiratory drive in patients with rheumatoid arthritis. Gorini M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):289-94

Design and evaluation of a new respiratory monitor [letter] Doyle DJ, et al. **Anaesthesia** 1990 Jun;45(6):492-3

Capnometer readings at high altitude [letter] Hilberman M. **Anesthesiology** 1990 Aug;73(2):354-5

Effects of oxygen supply on protein metabolism in surgically injured rats. Oxygen as a nutrient. Mimura Y, et al. **Ann Surg** 1990 Aug;212(2):228-33

Relationship between breath-holding spells and cardiorespiratory control: a new perspective [comment] Hunt CE. **J Pediatr** 1990 Aug;117(2 Pt 1):245-7. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):188-93.

Brief airway obstructions during sleep in infants with breath-holding spells [see comments] Kahn A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):188-93. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):245-7.

Acute and chronic effects of exercise using an Exercycle in healthy, untrained adults. Cunningham LN, et al. **Phys Ther** 1990 Aug;70(8):494-502

RESPIRATION, ARTIFICIAL

Maximal inspiratory pressure is not a reliable test of inspiratory muscle strength in mechanically ventilated patients. Multz AS, et al. **Am Rev Respir Dis** 1990 Sep; 142(3):529-32

Incidence, risk, and prognosis factors of nosocomial pneumonia in mechanically ventilated patients. Torres A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):523-8

Pharmacokinetics of long-term propofol infusion used for sedation in ICU patients. Albanese J, et al. **Anesthesiology** 1990 Aug;73(2):214-7

Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Annat GJ, et al. **Chest** 1990 Aug;98(2):411-4

PCIRV—a mode of ventilation associated with problems [letter] Boehm SH, et al. **Chest** 1990 Aug;98(2):520

The Ventilator-assisted Individuals Study. Goldberg AI, et al. **Chest** 1990 Aug;98(2):428-33

Pressure support and flow-cycled, assisted mechanical ventilation in acute lung injury. McGough EK, et al. **Chest** 1990 Aug;98(2):458-62

Entrapment [editorial] Gillis J, et al. **Crit Care Med** 1990 Aug;18(8):897

Propofol infusion for sedation of children. Nørreslet J, et al. **Crit Care Med** 1990 Aug;18(8):890-2

RESPIRATION DISORDERS

Head retraction and respiratory disorders in infancy [editorial] Chidiac P, et al. **Arch Dis Child** 1990 Jun; 65(6):567

Respiratory problems of air travel in patients with spinal cord injuries. Armitage JM, et al. **BMJ** 1990 Jun 9; 300(6738):1498-9

Breathing control disorders in infants and children. Brouillette RT, et al. **Hosp Pract [Off]** 1990 Aug 15; 25(8):82-5, 88, 93-6 passim

Brief airway obstructions during sleep in infants with breath-holding spells [see comments] Kahn A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):188-93. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):245-7.

RESPIRATORY AIRFLOW

Maximal inspiratory pressure is not a reliable test of inspiratory muscle strength in mechanically ventilated patients. Multz AS, et al. **Am Rev Respir Dis** 1990 Sep; 142(3):529-32

Nasal airflow in inspiration and expiration. Viani L, et al. **J Laryngol Otol** 1990 Jun;104(6):473-6

RESPIRATORY CARE UNITS

One year's experience with a noninvasively monitored intermediate care unit for pulmonary patients. Krieger BP, et al. **JAMA** 1990 Sep 5;264(9):1143-6

RESPIRATORY CENTER

Relationship between breath-holding spells and cardiorespiratory control: a new perspective [comment] Hunt CE. **J Pediatr** 1990 Aug;117(2 Pt 1):245-7. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):188-93.

RESPIRATORY DISTRESS SYNDROME

Circulatory effects of fast ventilator rates in preterm infants. Fenton AC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):662-6

Predicting death from initial disease severity in very low birthweight infants: a method for comparing the performance of neonatal units. Tarnow-Mordi W, et al. **BMJ** 1990 Jun 23;300(6740):1611-4

Steroids for respiratory distress syndrome--again [editorial; comment] Taeusch HW, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):248-50. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):273-82.

Early postnatal dexamethasone therapy in premature infants with severe respiratory distress syndrome: a double-blind, controlled study [see comments] Yeh TF, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):273-82. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):248-50.

RESPIRATORY DISTRESS SYNDROME, ADULT

Was a magic bullet aimed in the right direction? [editorial; comment] Shoemaker WC. **Chest** 1990 Aug;98(2):257. Comment on: Chest 1990 Aug;98(2):405-10.

Effects of prostaglandin E1 on oxygen delivery and consumption in patients with the adult respiratory distress syndrome. Results from the prostaglandin E1 multicenter trial. The Prostaglandin E1 Study Group [see comments] Silverman HJ, et al. **Chest** 1990 Aug;98(2):405-10. Comment in: Chest 1990 Aug;98(2):257.

Fat emulsion and ARDS [letter] Zakinthinos S, et al. **Chest** 1990 Aug;98(2):509-10

Gamma scintigraphic imaging of lung microvascular permeability in adult respiratory distress syndrome. Putensen C, et al. **Crit Care Med** 1990 Aug;18(8):807-12

Acute respiratory distress syndrome (ARDS). Petty TL. **Dis Mon** 1990 Jan;36(1):1-58 (135 ref.)

RESPIRATORY INSUFFICIENCY

Pediatric extracorporeal membrane oxygen. The time for anecdotes is over [editorial] Vernon DD, et al. **Am J Dis Child** 1990 Aug;144(8):855-6

The importance of defining respiratory muscle fatigue [editorial; comment] Macklem PT. **Am Rev Respir Dis** 1990 Aug;142(2):274. Comment on: Am Rev Respir Dis 1990 Aug;142(2):474-80.

Tracheobronchial clearance in patients with bilateral diaphragmatic weakness. Mier A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):545-8

Acute hypoxemic respiratory failure caused by Chlamydia trachomatis and diagnosed by flexible bronchoscopy. Wheeler WB, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):471-3

Respiratory problems and cystic adenomatoid malformation of lung. Walker J, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):649-50

Acquired tracheobronchomegaly resulting in severe respiratory failure. Shivaram U, et al. **Chest** 1990 Aug; 98(2):491-2

RESPIRATORY MUSCLES

NHLBI Workshop summary. Respiratory muscle fatigue. Report of the Respiratory Muscle Fatigue Workshop Group [see comments] **Am Rev Respir Dis** 1990 Aug; 142(2):474-80. Comment in: Am Rev Respir Dis 1990 Aug;142(2):274.

Inspiratory muscle strength and respiratory drive in patients with rheumatoid arthritis. Gorini M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):289-94

The importance of defining respiratory muscle fatigue [editorial; comment] Macklem PT. **Am Rev Respir Dis** 1990 Aug;142(2):274. Comment on: Am Rev Respir Dis 1990 Aug;142(2):474-80.

Factors influencing ventilatory muscle recruitment in patients with chronic airflow obstruction. Martinez FJ, et al. **Am Rev Respir Dis** 1990 Aug;142(2):276-82

Maximal inspiratory pressure is not a reliable test of inspiratory muscle strength in mechanically ventilated patients. Multz AS, et al. **Am Rev Respir Dis** 1990 Sep; 142(3):529-32

The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Whittaker JS, et al. **Am Rev Respir Dis** 1990 Aug;142(2):283-8

Respiratory muscle function during obstructive sleep apnea. Wilcox PG, et al. **Am Rev Respir Dis** 1990 Sep;142(3):533-9

Correlations between dyspnea, diaphragm and sternomastoid recruitment during inspiratory resistance breathing in normal subjects. Breslin EH, et al. **Chest** 1990 Aug; 98(2):298-302

RESPIRATORY PARALYSIS

Diaphragmatic paralysis without bulbar or limb paralysis in multiple sclerosis. Aisen M, et al. **Chest** 1990 Aug; 98(2):499-501

Phrenic nerve stimulation in quadriplegia [letter] **Lancet** 1990 Aug 18;336(8712):446-7

Paralytic shellfish poisoning: a case report and serial electrophysiologic observations. Long RR, et al. **Neurology** 1990 Aug;40(8):1310-2

RESPIRATORY SOUNDS

Aryepiglottic fold excision for the treatment of severe laryngomalacia. Polonovski JM, et al.

Ann Otol Rhinol Laryngol 1990 Aug;99(8):625-7
Effective bronchodilator treatment by a simple spacer device for wheezy premature infants. Yuksel B, et al. Arch Dis Child 1990 Jul;65(7):782-5

RESPIRATORY SYNCYTIAL VIRUSES

Serologic evidence of respiratory syncytial virus infection in nursing home patients. Falsey AR, et al. J Infect Dis 1990 Aug;162(2):568-9

RESPIRATORY TRACT INFECTIONS

Lung function associated with histologically diagnosed acute lung rejection and pulmonary infection in heart-lung transplant patients. Otulana BA, et al. Am Rev Respir Dis 1990 Aug;142(2):329-32
Respiratory tract infection and anaesthesia. Haemophilus influenzae pneumonia that developed under anaesthesia. Campbell NN. Anaesthesia 1990 Jul;45(7):561-2
Illness preceding sudden infant death [letter] Williams AL, et al. BMJ 1990 Jun 16;300(6739):1584
Serologic evidence of respiratory syncytial virus infection in nursing home patients. Falsey AR, et al. J Infect Dis 1990 Aug;162(2):568-9
High-dose, short-duration ribavirin aerosol therapy in children with suspected respiratory syncytial virus infection. Englund JA, et al. J Pediatr 1990 Aug;117(2 Pt 1):313-20
Clinical manifestations of exacerbations of cystic fibrosis associated with nonbacterial infections. Pribble CG, et al. J Pediatr 1990 Aug;117(2 Pt 1):200-4

RESTLESS LEGS

Restless legs syndrome and periodic movements of sleep. Krueger BR. Mayo Clin Proc 1990 Jul;65(7):999-1006 (81 ref.)

RESTRICTION FRAGMENT LENGTH POLYMORPHISMS

RFLP and deletion analysis for X-linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Pelham A, et al. Blood 1990 Aug 15;76(4):820-4
Association of osteoarthritis with homozygosity for a 5.8 kb Taq I fragment of the alpha 1-antichymotrypsin gene. Sakkas LI, et al. Br J Rheumatol 1990 Aug;29(4):245-8

RESUSCITATION

An integrated anatomy and cardiopulmonary resuscitation course. Nelson MS. Acad Med 1990 Jun;65(6):421
The effect of coronary artery lesions on the relationship between coronary perfusion pressure and myocardial blood flow during cardiopulmonary resuscitation in pigs. Kern KB, et al. Am Heart J 1990 Aug;120(2):324-33
Radiological case of the month. Basal ganglia injury after cardiopulmonary arrest: clinical and magnetic resonance imaging correlation. Jacobs MB, et al. Am J Dis Child 1990 Aug;144(8):937-8
Deferred consent: use in clinical resuscitation research. Brain Resuscitation Clinical Trial II Study Group. Abramson NS, et al. Ann Emerg Med 1990 Jul;19(7):781-4
Cardiopulmonary resuscitation in the elderly [letter] Eisenberg M, et al. Ann Intern Med 1990 Sep 1;113(5):408-9
End tidal carbon dioxide detector for monitoring cardiopulmonary resuscitation [letter] Muir JD, et al. BMJ 1990 Jul 7;301(6742):41-2
Resuscitation of the terminally ill [letter] Latimer EJ. Can Med Assoc J 1990 Aug 1;143(3):168-9
The clinical rationale of cardiac resuscitation. Weil MH, et al. Dis Mon 1990 Aug;36(8):421-68 (195 ref.)
Epinephrine for cardiac resuscitation: too much beta for its own good? [editorial; comment] Parmley WW. J Am Coll Cardiol 1990 Aug;16(2):495-6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):489-94.
Family consent to orders not resuscitate. Reconsidering hospital policy [see comments] Hackler JC, et al. JAMA 1990 Sep 12;264(10):1281-3. Comment in: JAMA 1990 Sep 12;264(10):1295-6.
Futility and the ethics of resuscitation [see comments] Tomlinson T, et al. JAMA 1990 Sep 12;264(10):1276-80. Comment in: JAMA 1990 Sep 12;264(10):1295-6.
Futility in context [editorial; comment] Youngner SJ. JAMA 1990 Sep 12;264(10):1295-6. Comment on: JAMA 1990 Sep 12;264(10):1276-80. Comment on: JAMA 1990 Sep 12;264(10):1281-83.
DNR bracelets? [letter] Swersky J, et al. N Engl J Med 1990 Sep 6;323(10):685-6

RETINA

Correlation of electroretinographic findings and peripheral retinal nonperfusion in patients with sickle cell retinopathy. Peachey NS, et al. Arch Ophthalmol 1990 Aug; 108(8):1106-9

RETINAL DISEASES

A new infusion cannula for advanced proliferative vitreoretinopathy. Landers MB 3d, et al. Am J Ophthalmol 1990 Aug 15;110(2):209-10
Diagnostic clinical findings of a new syndrome with night blindness, maculopathy, and enhanced S cone sensitivity. Marmor MF, et al. Am J Ophthalmol 1990 Aug 15; 110(2):124-34
Correlation of electroretinographic findings and peripheral retinal nonperfusion in patients with sickle cell retinopathy. Peachey NS, et al. Arch Ophthalmol 1990 Aug; 108(8):1106-9
Purtscher's retinopathy in acute pancreatitis. Wells AD, et al. Br J Surg 1990 Jul;77(7):820

RETINAL HEMORRHAGE

Subretinal hemorrhage during fluorescein angiography [letter] de Juan E Jr. Arch Ophthalmol 1990 Aug; 108(8):1068

RETINAL PERFORATIONS

Risk of developing a macular hole [see comments] Akiba J, et al. Arch Ophthalmol 1990 Aug;108(8):1088-90. Comment in: Arch Ophthalmol 1990 Aug;108(8):1085-6.
Early stages of macular holes. To treat or not to treat [editorial; comment] de Bustros S. Arch Ophthalmol 1990 Aug;108(8):1085-6. Comment on: Arch Ophthalmol 1990 Aug;108(8):1088-90.

RETINAL VEIN OCCLUSION

The natural course of central retinal vein occlusion. Quinlan PM, et al. Am J Ophthalmol 1990 Aug 15;110(2):118-23

RETINAL VESSELS

Correlation of electroretinographic findings and peripheral retinal nonperfusion in patients with sickle cell retinopathy. Peachey NS, et al. Arch Ophthalmol 1990 Aug; 108(8):1106-9

RETINOBLASTOMA

Application of intragenic DNA probes in prenatal screening for retinoblastoma gene carriers in the United Kingdom. Onadim ZO, et al. Arch Dis Child 1990 Jul;65(7 Spec No):651-6
A transgenic mouse model for trilateral retinoblastoma. O'Brien JM, et al. Arch Ophthalmol 1990 Aug; 108(8):1145-51
Spontaneous mutation rate in retinoblastoma. Morris JA. J Clin Pathol 1990 Jun;43(6):496-8

RETINOL-BINDING PROTEINS

Cellular immune responses of patients with uveitis to retinal antigens and their fragments. de Smet MD, et al. Am J Ophthalmol 1990 Aug 15;110(2):135-42

RETINOPATHY OF PREMATURITY

Retinopathy of prematurity-induced blindness: birth weight-specific survival and the new epidemic. Gibson DL, et al. Pediatrics 1990 Sep;86(3):405-12

RETROPERITONEAL NEOPLASMS

Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Ball AB, et al. Br J Radiol 1990 May;63(749):346-8
Resection of nonrenal retroperitoneal tumors with large vena caval thrombi using cardiopulmonary bypass and hypothermic circulatory arrest. Angermeier KW, et al. J Urol 1990 Sep;144(3):735-9
Nerve-sparing retroperitoneal lymphadenectomy with preservation of ejaculation. Donohue JP, et al. J Urol 1990 Aug;144(2 Pt 1):287-91; discussion 291-2

RETROPERITONEAL SPACE

Retroperitoneal haematoma following orchidectomy: implications for staging computed tomography. Page JE, et al. Br J Radiol 1990 Jun;63(750):490-2
Nerve-preserving bilateral retroperitoneal lymphadenectomy: anatomical study and operative approach. Colleselli K, et al. J Urol 1990 Aug;144(2 Pt 1):293-7; discussion 297-8

RETROVIRIDAE

Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. N Engl J Med 1990 Aug 30; 323(9):570-8. Comment in: N Engl J Med 1990 Aug 30;323(9):601-3.
Retroviruses and multiple sclerosis. II. Failure of gene amplification techniques to detect viral sequences unique to the disease. Dekaban GA, et al. Neurology 1990 Aug; 40(8):1254-8
Retroviruses and multiple sclerosis. I. Analysis of seroreactivity by western blot and radioimmune assay. Weinshenker BG, et al. Neurology 1990 Aug;40(8):1251-3

RH ISOIMMUNIZATION

A case of Rh isoimmunization: should threatened first-trimester abortion be an indication for Rh immune globulin prophylaxis? Dayton VD, et al. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):63-4
Atrial natriuretic factor in hydrops fetalis caused by Rh isoimmunisation. Moya FR, et al. Arch Dis Child 1990 Jul; 65(7 Spec No):683-6
Very early intracranial haemorrhage in alloimmune fetal thrombocytopenia [letter] Giovangrandi Y, et al. Lancet 1990 Aug 4;336(8710):310

RHABDOMYOLYSIS

Prophylaxis of acute renal failure in traumatic rhabdomyolysis [letter] Noji EK. N Engl J Med 1990 Aug 23;323(8):550-1

RHABDOMYOSARCOMA

Clinical and pathologic features of primary gastric rhabdomyosarcoma. Fox KR, et al. Cancer 1990 Aug 15; 66(4):772-8 (22 ref.)
Rhabdomyosarcoma of the testicular appendage in an infant: case report. Goff WB 2d, et al. Clin Pediatr (Phila) 1990 Jul;29(7):412-3

RHEUMATIC DISEASES

Comment on the article by Espinoza et al [letter] Hess EV, et al. Arthritis Rheum 1990 Aug;33(8):1295-6
The soluble interleukin-2 receptor in rheumatic disease. Rubin LA. Arthritis Rheum 1990 Aug;33(8):1145-8
The use of infra-red thermography in a rheumatology unit. Darton K, et al. Br J Rheumatol 1990 Aug;29(4):291-2
Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. Klockars M, et al. Br J Rheumatol 1990 Aug;29(4):318-9
Radiological erosions in frozen shoulder. Morris IM, et al. Br J Rheumatol 1990 Aug;29(4):293-4
The changing epidemiology of rheumatic diseases: should ankylosing spondylitis now be included? Will RK, et al. Br J Rheumatol 1990 Aug;29(4):299-300

RHEUMATOID FACTOR

Suppression of rheumatoid factor production by methotrexate in patients with rheumatoid arthritis. Evidence for differential influences of therapy and clinical status on IgM and IgA rheumatoid factor expression. Alarcón GS, et al. Arthritis Rheum 1990 Aug;33(8):1156-61
Serologic and molecular characterization of a human monoclonal rheumatoid factor derived from rheumatoid synovial cells. Robbins DL, et al. Arthritis Rheum 1990 Aug;33(8):1188-95

RHEUMATOLOGY

Recommended core educational guidelines on rheumatology for family practice residents. Am Fam Physician 1990 Aug; 42(2):495-7
The American College of Rheumatology 1990 criteria for the classification of Takayasu arteritis. Arend WP, et al. Arthritis Rheum 1990 Aug;33(8):1129-34
The American College of Rheumatology 1990 criteria for the classification of vasculitis. Patients and methods. Bloch DA, et al. Arthritis Rheum 1990 Aug;33(8):1068-73
The American College of Rheumatology 1990 criteria for the classification of hypersensitivity vasculitis. Calabrese LH, et al. Arthritis Rheum 1990 Aug;33(8):1108-13
The American College of Rheumatology 1990 criteria for the classification of vasculitis. Summary. Fries JF, et al. Arthritis Rheum 1990 Aug;33(8):1135-6
The American College of Rheumatology 1990 criteria for the classification of giant cell arteritis. Hunder GG, et al. Arthritis Rheum 1990 Aug;33(8):1122-8
The American College of Rheumatology 1990 criteria for the classification of vasculitis. Introduction. Hunder GG, et al. Arthritis Rheum 1990 Aug;33(8):1065-7
The American College of Rheumatology 1990 criteria for the classification of Wegener's granulomatosis. Leavitt RY, et al. Arthritis Rheum 1990 Aug;33(8):1101-7
The American College of Rheumatology 1990 criteria for the classification of polyarteritis nodosa. Lightfoot RW Jr, et al. Arthritis Rheum 1990 Aug;33(8):1088-93
The American College of Rheumatology 1990 criteria for the classification of Churg-Strauss syndrome (allergic granulomatosis and angiitis). Masi AT, et al. Arthritis Rheum 1990 Aug;33(8):1094-100
The American College of Rheumatology 1990 criteria for the classification of Henoch-Schönlein purpura. Mills JA, et al. Arthritis Rheum 1990 Aug;33(8):1114-21
What do rheumatologists do? A pilot audit study. Bamji AN, et al. Br J Rheumatol 1990 Aug;29(4):295-8
What does ILAR do? International League Against Rheumatism [editorial] Muirden KD. Br J Rheumatol 1990 Aug;29(4):243-4

RHINOPLASTY

Medially based horizontal nasolabial flaps for reconstruction of columellar defects. Pincus RL, et al.

Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):973–4
Chondroplastic graft augmentation rhinoplasty. Spencer MG. **J Laryngol Otol** 1990 Jul;104(7):539–43
The nasal tip [letter] Parkes ML. **Plast Reconstr Surg** 1990 Sep;86(3):604–5
The cocaine user: the potential problem patient for rhinoplasty. Slavin SA, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):436–42

RHYTIDOPLASTY

Tissue expansion for rhytidectomy [letter] Luce EA. **Plast Reconstr Surg** 1990 Sep;86(3):602–3
Intraoperative tissue expansion for rhytidectomy [letter] Schubert W, et al. **Plast Reconstr Surg** 1990 Sep;86(3):603–4

RIBOFLAVIN

Adriamycin-induced increase in serum aldosterone levels: effects in riboflavin-sufficient and riboflavin-deficient rats. Pinto JT, et al. **Endocrinology** 1990 Sep;127(3):1495–501

RIBOFLAVIN DEFICIENCY

Adriamycin-induced increase in serum aldosterone levels: effects in riboflavin-sufficient and riboflavin-deficient rats. Pinto JT, et al. **Endocrinology** 1990 Sep;127(3):1495–501

RIBONUCLEOSIDES

A phase 1 study of ribavirin in human immunodeficiency virus-infected patients. Roberts RB, et al. **J Infect Dis** 1990 Sep;162(3):638–42
High-dose, short-duration ribavirin aerosol therapy in children with suspected respiratory syncytial virus infection. Englund JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):313–20

RICE

Absorption of carbohydrate from rice in Burmese village children and adults. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):342–7
Malabsorption of carbohydrate from rice and child growth: a longitudinal study with the breath-hydrogen test in Burmese village children. Khin-Maung-U, et al. **Am J Clin Nutr** 1990 Aug;52(2):348–52

RICKETTSIA INFECTIONS

Fatal Queensland tick typhus [letter] Sexton DJ, et al. **J Infect Dis** 1990 Sep;162(3):779–80
From the Centers for Disease Control. Rabies and rickettsial diseases hotline. **JAMA** 1990 Aug 8;264(6):680

RIFAMPIN

Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Chiu J, et al. **Ann Intern Med** 1990 Sep 1; 113(5):358–61
Failure of tuberculosis chemotherapy in a human immunodeficiency virus-infected patient [letter] Dylewski J, et al. **J Infect Dis** 1990 Sep;162(3):778–9

RIGHT TO DIE

Physician-assisted suicide: the wrong way to go [editorial] Butler RN. **Geriatrics** 1990 Aug;45(8):13–4
Bioethicists' statement on the U.S. Supreme Court's Cruzan decision. Annas GJ, et al. **N Engl J Med** 1990 Sep 6; 323(10):686–7
Nancy Cruzan and the right to die. Annas GJ. **N Engl J Med** 1990 Sep 6;323(10):670–3

RISK

Risk assessment [letter] **Lancet** 1990 Aug 25;336(8713):510
Ever so risky [editorial] **Lancet** 1990 Jul 28;336(8709):216–7

RISK MANAGEMENT

Taking risks in general practice [editorial] **Lancet** 1990 Sep 1;336(8714):541

RITODRINE

Ritodrine infusion and cardiomyopathy [letter] Caritis SN. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):254–6
A comparison of tocolysis with nifedipine or ritodrine: analysis of efficacy and maternal, fetal, and neonatal outcome. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):105–11
Effects of ritodrine tocolysis on cardiac isozymes and electrocardiography [letter] Hendricks SK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):699–701

RNA

Tissue extraction of DNA and RNA and analysis by the polymerase chain reaction. Jackson DP, et al. **J Clin Pathol** 1990 Jun;43(6):499–504

RNA, MESSENGER

Definition of the complete Schistosoma mansoni hemoglobinase mRNA sequence and gene expression in developing parasites. el Meanawy MA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):67–78
Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Tada M, et al. **Cancer** 1990 Sep 1;66(5):930–5
Ontogeny and pituitary regulation of testicular growth hormone-releasing hormone-like messenger ribonucleic acid. Berry SA, et al. **Endocrinology** 1990 Sep; 127(3):1404–11
Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Dalkin AC, et al. **Endocrinology** 1990 Aug;127(2):798–806
Different half-lives of insulin-like growth factor I mRNAs that differ in length of 3' untranslated sequence. Hepler JE, et al. **Endocrinology** 1990 Sep;127(3):1550–2
The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Krummen LA, et al. **Endocrinology** 1990 Sep;127(3):1097–104
Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Kung AW, et al. **Endocrinology** 1990 Sep;127(3):1369–74
Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. LaPolt PS, et al. **Endocrinology** 1990 Aug; 127(2):823–31
Expression of neural 5 alpha-reductase messenger ribonucleic acid: comparison to 5 alpha-reductase activity during prenatal development in the rat. Lephart ED, et al. **Endocrinology** 1990 Sep;127(3):1121–8
Dexamethasone increases hepatic insulin-like growth factor binding protein-1 (IGFBP-1) mRNA and serum IGFBP-1 concentrations in the rat. Luo J, et al. **Endocrinology** 1990 Sep;127(3):1456–62
11 beta-hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Moisan MP, et al. **Endocrinology** 1990 Sep;127(3):1450–5
Parathyroid hormone down-regulates 1,25-dihydroxyvitamin D receptors (VDR) and VDR messenger ribonucleic acid in vitro and blocks homologous up-regulation of VDR in vivo. Reinhardt TA, et al. **Endocrinology** 1990 Aug;127(2):942–8
Molecular cloning and expression of rat placental lactogen-I complementary deoxyribonucleic acid. Robertson MC, et al. **Endocrinology** 1990 Aug;127(2):702–10
Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Sanacora G, et al. **Endocrinology** 1990 Aug;127(2):730–7
Gonadotropin-releasing hormone messenger ribonucleic acid levels are unaltered with changes in the gonadal hormone milieu of the adult male rat. Wiemann JN, et al. **Endocrinology** 1990 Aug;127(2):523–32
Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo-neurohypophyseal explants. Yagil C, et al. **Endocrinology** 1990 Sep;127(3):1428–35
Growth hormone-releasing hormone messenger ribonucleic acid in the hypothalamus of the adult male rat is increased by testosterone. Zeitler P, et al. **Endocrinology** 1990 Sep; 127(3):1362–8
Characterization, by molecular cloning, of smaller forms of thyroid peroxidase messenger ribonucleic acid in human thyroid cells as alternatively spliced transcripts. Nagayama Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):384–90
Mutation in codon 200 of scrapie amyloid protein gene in two clusters of Creutzfeldt-Jakob disease in Slovakia [letter] Goldfarb LG, et al. **Lancet** 1990 Aug 25; 336(8713):514–5

RNA SPLICING

Characterization, by molecular cloning, of smaller forms of thyroid peroxidase messenger ribonucleic acid in human thyroid cells as alternatively spliced transcripts. Nagayama Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):384–90

RNA, VIRAL

Serotyping of human group A rotavirus with oligonucleotide probes. Sethabutr O, et al. **J Infect Dis** 1990 Aug; 162(2):368–72
Detection of hepatitis C virus RNA in serum [letter] Clewley JP. **Lancet** 1990 Aug 4;336(8710):309–10
Suppression of hepatitis C virus RNA by interferon-alpha [letter] Kanai K, et al. **Lancet** 1990 Jul 28;336(8709):245
Hepatitis C virus RNA in symptomless donors implicated in post-transfusion non-A, non-B hepatitis [letter] Zanetti AR, et al. **Lancet** 1990 Aug 18;336(8712):448

RODS AND CONES

Diagnostic clinical findings of a new syndrome with night blindness, maculopathy, and enhanced S cone sensitivity. Marmor MF, et al. **Am J Ophthalmol** 1990 Aug 15; 110(2):124–34

ROLE

Practicing health promotion: the doctor's dilemma. Becker MH, et al. **Ann Intern Med** 1990 Sep 15;113(6):419–22 (55 ref.)
Medical responsibility and global environmental change. McCally M, et al. **Ann Intern Med** 1990 Sep 15; 113(6):467–73 (44 ref.)
Canada's national AIDS strategy neglects role of physicians [editorial] Berger P. **Can Med Assoc J** 1990 Aug 15; 143(4):309–11
Physician-assisted suicide: the wrong way to go [editorial] Butler RN. **Geriatrics** 1990 Aug;45(8):13–4
Doctors and nurses [letter] **Lancet** 1990 Aug 25;336(8713):511
A suitable case for intimacy [editorial] **Lancet** 1990 Jul 28; 336(8709):217–8
A commitment to medicine and society. Fergusson FD. **Mayo Clin Proc** 1990 Aug;65(8):1106–9
Pediatrician's role in preventing child maltreatment. Dubowitz H. **Pediatr Clin North Am** 1990 Aug; 37(4):989–1002 (52 ref.)
Future role of the pediatrician in child abuse and neglect. Krugman RD. **Pediatr Clin North Am** 1990 Aug; 37(4):1003–11 (33 ref.)
Organ donation: a university hospital experience. Morris JA Jr, et al. **South Med J** 1990 Aug;83(8):884–8
The physician as a patient educator. From theory to practice. McCann DP, et al. **West J Med** 1990 Jul;153(1):44–9 (59 ref.)

ROTAVIRUS INFECTIONS

Prevalence and serotype specificity of rotavirus antibodies in different age groups of Ecuadorian infants. Brüssow H, et al. **J Infect Dis** 1990 Sep;162(3):615–20
Serotypes and electropherotypes of human rotavirus in the USA: 1987–1989. Gouvea V, et al. **J Infect Dis** 1990 Aug; 162(2):362–7
Impact of rotavirus infection at a large pediatric hospital. Matson DO, et al. **J Infect Dis** 1990 Sep;162(3):598–604
Serotype variation of human group A rotaviruses in two regions of the USA. Matson DO, et al. **J Infect Dis** 1990 Sep;162(3):605–14
Serotyping of human group A rotavirus with oligonucleotide probes. Sethabutr O, et al. **J Infect Dis** 1990 Aug; 162(2):368–72
Annual rotavirus epidemic patterns in North America. Results of a 5-year retrospective survey of 88 centers in Canada, Mexico, and the United States. Rotavirus Study Group. LeBaron CW, et al. **JAMA** 1990 Aug 22–29; 264(8):983–8

ROTAVIRUSES

Prevalence and serotype specificity of rotavirus antibodies in different age groups of Ecuadorian infants. Brüssow H, et al. **J Infect Dis** 1990 Sep;162(3):615–20
Serotypes and electropherotypes of human rotavirus in the USA: 1987–1989. Gouvea V, et al. **J Infect Dis** 1990 Aug; 162(2):362–7
Serotype variation of human group A rotaviruses in two regions of the USA. Matson DO, et al. **J Infect Dis** 1990 Sep;162(3):605–14
Effect of breast-feeding on oral rhesus rotavirus vaccine seroconversion: a metaanalysis. Pichichero ME. **J Infect Dis** 1990 Sep;162(3):753–5
Serotyping of human group A rotavirus with oligonucleotide probes. Sethabutr O, et al. **J Infect Dis** 1990 Aug; 162(2):368–72

RUBELLA VACCINE

A new combined trivalent live measles (AIK-C strain), mumps (Hoshino strain), and rubella (Takahashi strain) vaccine. Findings in clinical and laboratory studies. Makino S, et al. **Am J Dis Child** 1990 Aug;144(8):905–10
Responses to rubella, tetanus, and diphtheria vaccines in otitis-prone and non-otitis-prone children. Prellner K, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):628–32

RUNNING

Changes in keratan sulphate levels in the serum of a long distance runner [letter] Hinnie J, et al. **Br J Rheumatol** 1990 Aug;29(4):314–5
Cimetidine reduces running-associated gastrointestinal bleeding. A prospective observation. Baska RS, et al. **Dig Dis Sci** 1990 Aug;35(8):956–60

RURAL POPULATION

Networking in a rural community focuses on at-risk children. Epstein MR. **Public Health Rep** 1990 Jul-Aug; 105(4):428–30

RUTIN

Cellular control of IgE induction by a polyphenol-rich compound. Preferential activation of Th2 cells. Baum CG, et al. **J Immunol** 1990 Aug 1;145(3):779–84

SACROILIAC JOINT

Computed tomography of the sacroiliac joints in four patients with Behçet's syndrome—confirmation of sacroiliitis. Olivieri I, et al. **Br J Rheumatol** 1990 Aug;29(4):264–7
Imaging of the sacroiliac joints. Forrester DM. **Radiol Clin North Am** 1990 Sep;28(5):1055–72 (26 ref.)

SACRUM

Tuberculosis of the lumbosacral junction. Long-term follow-up of 26 cases. Pun WK, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):675–8

SALARIES AND FRINGE BENEFITS

Pay and conditions for NHS staff [editorial] Dyson R. **BMJ** 1990 Jun 16;300(6739):1535–6
Innovative pay package. Smeltzer CH. **J Nurs Adm** 1990 Jul–Aug;20(7–8):6–7
The debt and the cash flow of residents: I. The grim present [letter] **JAMA** 1990 Sep 12;264(10):1247–9

SALICYLAZOSULFAPYRIDINE

Assessing combination therapy in rheumatoid arthritis: treatment with sulphasalazine and penicillamine. Scott DL, et al. **Br J Rheumatol** 1990 Aug;29(4):313–4
Scavenger effect of sulphasalazine (SASP), 5-aminosalicylic acid (5-ASA), and olsalazine (OAZ) [letter] Gionchetti P, et al. **Gut** 1990 Jun;31(6):730–1

SALINE SOLUTION, HYPERTONIC

Sclerosing cholangitis induced by formaldehyde solution injected into the biliary tree of rats. Houry S, et al. **Arch Surg** 1990 Aug;125(8):1059–61
Effect of hypertonic saline infusion on the level of immunoreactive dynorphin in extracted human plasma. Margioris AN, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):298–304

SALIVA

Ovulation prediction from cyclic changes in salivary electrical conductivity [letter] Loewit K, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):708–10
Variations in theophylline concentrations detected by 24-hour saliva concentration profiles in ambulatory children with asthma. Tal A, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):238–43
The effectiveness of a dental/dietitian team in the assessment of bulimic dental health. Howat PM, et al. **J Am Diet Assoc** 1990 Aug;90(8):1099–102

SALIVARY GLAND NEOPLASMS

Non-Warthin's tumor oncocytic lesions. Hartwick RW, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):674–7 (26 ref.)
Submandibular gland tumors. Adverse histologic factors and therapeutic implications. Weber RS, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1055–60
Salivary gland neoplasms—stem cell histogenesis? [letter] Burford-Mason A, et al. **J Laryngol Otol** 1990 Jun; 104(6):521–3

SALMONELLA

Multiple drug resistance in salmonellae in England and Wales: a comparison between 1981 and 1988. Ward LR, et al. **J Clin Pathol** 1990 Jul;43(7):563–6

SALMONELLA INFECTIONS, ANIMAL

Role of CD4+ T cells and T-independent mechanisms in acquired resistance to Salmonella typhimurium infection. Nauciel C. **J Immunol** 1990 Aug 15;145(4):1265–9

SALMONELLA TYPHI

Heterogeneity of lipopolysaccharide phenotype among Salmonella typhi strains. Jimenez-Lucho V, et al. **J Infect Dis** 1990 Sep;162(3):763–4
Multiresistant Salmonella typhi in India [letter] **Lancet** 1990 Jul 28;336(8709):252

SAPHENOUS VEIN

Fate of the exposed saphenous vein graft. Ouriel K, et al. **Am J Surg** 1990 Aug;160(2):148–50
Vein graft permeability [letter] Kennedy JH, et al. **Ann Thorac Surg** 1990 Aug;50(2):334

SARCOIDOSIS

On the differential diagnosis of chronic beryllium disease and sarcoidosis [letter] Jones-Williams W. **Am Rev Respir Dis** 1990 Sep;142(3):739–40
Pulmonary disease progress in sarcoid patients with and without bronchoalveolar lavage collagenase. Ward K, et al. **Am Rev Respir Dis** 1990 Sep;142(3):636–41
Sarcoidosis as a cause of left recurrent laryngeal nerve palsy. Tobias JK, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):971–2
Bronchoalveolar lavage in sarcoidosis and HIV infection [letter] **Chest** 1990 Aug;98(2):517–8
Sarcoidosis. Sharma OP. **Dis Mon** 1990 Sep;36(9):469–535 (188 ref.)

SARCOMA

Diffuse angiomatosis of the extremities presenting as a sarcoma. Allenby PA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):987–90
Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Ball AB, et al. **Br J Radiol** 1990 May;63(749):346–8
Randomized comparison of doxorubicin and vindesine to doxorubicin for patients with metastatic soft-tissue sarcomas. Borden EC, et al. **Cancer** 1990 Sep 1;66(5):862–7
Breast sarcoma. A clinicopathologic review of 25 cases. Pollard SG, et al. **Cancer** 1990 Sep 1;66(5):941–4
A cell culture, chromosomal and quantitative DNA analysis of a metastatic epithelioid sarcoma. Deletion 1p, a possible primary chromosomal abnormality in epithelioid sarcoma. Stenman G, et al. **Cancer** 1990 May 1;65(9):2006–13
Soft tissue sarcoma and occupational exposures. Wingren G, et al. **Cancer** 1990 Aug 15;66(4):806–11
Radiation-induced prostatic sarcoma: a case report. Scully JM, et al. **J Urol** 1990 Sep;144(3):746–8
Soft-tissue sarcomas: detection of metabolic heterogeneity with P-31 MR spectroscopy. Sostman HD, et al. **Radiology** 1990 Sep;176(3):837–43

SARCOMA, EWING'S

Radiological features of extraskeletal Ewing sarcoma. O'Keeffe F, et al. **Br J Radiol** 1990 Jun;63(750):456–60
Ewing's sarcoma metastatic at diagnosis. Results and comparisons of two intergroup Ewing's sarcoma studies. Cangir A, et al. **Cancer** 1990 Sep 1;66(5):887–93
Extra-skeletal Ewing's sarcoma of the nasal fossa. Lane S, et al. **J Laryngol Otol** 1990 Jul;104(7):570–3

SARCOMA, KAPOSI'S

Kaposi's sarcoma in patients with acquired immune deficiency syndrome. A flow cytometric DNA analysis of 26 lesions in 21 patients. Fukunaga M, et al. **Cancer** 1990 Aug 15;66(4):758–64
Nasopharyngeal cyst simulating Kaposi's sarcoma in an HIV-infected patient. Harrison HC, et al. **J Laryngol Otol** 1990 Jun;104(6):498–500
Risk of non-Hodgkin lymphoma and Kaposi's sarcoma in homosexual men [letter] Rabkin CS, et al. **Lancet** 1990 Jul 28;336(8709):248–9
Isolation of "Mycoplasma incognitus" [letter] van der Riet F. **Lancet** 1990 Jul 28;336(8709):247
Kaposi's sarcoma and HTLV-I infection [letter] Veyssier-Belot C, et al. **Lancet** 1990 Sep 1;336(8714):575
Medical ignorance, AIDS-Kaposi's sarcoma complex, and the lymphatic system [see comments] Witte MH, et al. **West J Med** 1990 Jul;153(1):17–23. Comment in: West J Med 1990 Jul;153(1):76–7.

SAXITOXIN

Paralytic shellfish poisoning: a case report and serial electrophysiologic observations. Long RR, et al. **Neurology** 1990 Aug;40(8):1310–2

SCALP

The effect of caput succedaneum on oxygen saturation measurements. Johnson N, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):493–8

SCHISTOSOMA MANSONI

Reduced reproductive efficiency in mice with schistosomiasis mansoni and in uninfected pregnant mice injected with antibodies against Schistosoma mansoni soluble egg antigens. Amano T, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):180–5
Definition of the complete Schistosoma mansoni hemoglobinase mRNA sequence and gene expression in developing parasites. el Meanawy MA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):67–78

SCHISTOSOMIASIS

Fibrinolysis and the bleeding tendency in patients with hepatosplenic schistosomiasis. Omran SA, et al. **J Clin Pathol** 1990 Jun;43(6):476–8
Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen-induced suppressor T cells down-regulate proliferation and IL-2 production. Fidel PL Jr, et al. **J Immunol** 1990 Aug 15;145(4):1257–64

SCHISTOSOMIASIS HAEMATOBIA

Metrifonate or praziquantel treatment improves physical fitness and appetite of Kenyan schoolboys with Schistosoma haematobium and hookworm infections. Latham MC, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):170–9

SCHISTOSOMIASIS MANSONI

Reduced reproductive efficiency in mice with schistosomiasis mansoni and in uninfected pregnant mice injected with antibodies against Schistosoma mansoni soluble egg antigens. Amano T, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):180–5
Calcification of the large bowel in schistosomiasis demonstrated by computed tomography. al-Hindawi M, et al. **Br J Radiol** 1990 May;63(749):357–60
Expression of cross-reactive, shared idiotypes on anti-SEA antibodies from humans and mice with schistosomiasis. Montesano MA, et al. **J Immunol** 1990 Aug 1;145(3):1002–8

SCHIZOPHRENIA

Cocaine abuse among schizophrenic patients. Brady K, et al. **Am J Psychiatry** 1990 Sep;147(9):1164–7
Continuous versus targeted medication in schizophrenic outpatients: outcome results. Carpenter WT Jr, et al. **Am J Psychiatry** 1990 Sep;147(9):1138–48
Positive and negative symptoms and social competence in adolescents at risk for schizophrenia and affective disorder. Dworkin RH, et al. **Am J Psychiatry** 1990 Sep; 147(9):1234–6
Growth hormone response to growth hormone-releasing hormone in schizophrenic patients. Mayerhoff DI, et al. **Am J Psychiatry** 1990 Aug;147(8):1072–4
Simple schizophrenia not so simple [letter] Prakash R. **Am J Psychiatry** 1990 Aug;147(8):1108–9
Prevalence of neuroleptic-induced dystonia in mania and schizophrenia. Remington GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1231–3
Prediction of adult-onset schizophrenia from childhood home movies of the patients. Walker E, et al. **Am J Psychiatry** 1990 Aug;147(8):1052–6
Surreptitious noncompliance with oral fluphenazine in a voluntary inpatient population [letter] Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):786–7
A controlled dose comparison of haloperidol in newly admitted schizophrenic patients. Van Putten T, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):754–8
Assessment and implications of the dietary intakes of hospitalized psychogeriatric patients. Martinez JA, et al. **J Am Diet Assoc** 1990 Aug;90(8):1111–4
Linguistic and cognitive failures in schizophrenia. A multivariate analysis. Harvey PD, et al. **J Nerv Ment Dis** 1990 Aug;178(8):487–93
The Positive and Negative Syndrome Scale—Spanish adaptation. Kay SR, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):510–7
Thought disorder in the relatives of schizophrenics. A meta-analytic review of selected published studies. Romney DM. **J Nerv Ment Dis** 1990 Aug;178(8):481–6
Dementia in schizophrenia. Magnetic resonance and clinical correlates. Rossi A, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):521–4
Enhancement of recovery from psychiatric illness by methylfolate. Godfrey PS, et al. **Lancet** 1990 Aug 18; 336(8712):392–5
Abnormalities in the brain and schizophrenia [letter] **N Engl J Med** 1990 Aug 23;323(8):545–8
Clozapine—a new and different neuroleptic [clinical conference] Haller E, et al. **West J Med** 1990 Jul; 153(1):62–4

SCHIZOPHRENIC LANGUAGE

Linguistic and cognitive failures in schizophrenia. A multivariate analysis. Harvey PD, et al. **J Nerv Ment Dis** 1990 Aug;178(8):487–93

SCHIZOPHRENIC PSYCHOLOGY

Role of cigarette use in hyponatremia in schizophrenic patients. Allon M, et al. **Am J Psychiatry** 1990 Aug; 147(8):1075–7
Positive and negative symptoms and social competence in adolescents at risk for schizophrenia and affective disorder. Dworkin RH, et al. **Am J Psychiatry** 1990 Sep; 147(9):1234–6
Prediction of adult-onset schizophrenia from childhood home movies of the patients. Walker E, et al. **Am J Psychiatry** 1990 Aug;147(8):1052–6
Linguistic and cognitive failures in schizophrenia. A multivariate analysis. Harvey PD, et al. **J Nerv Ment Dis** 1990 Aug;178(8):487–93
The Positive and Negative Syndrome Scale—Spanish adaptation. Kay SR, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):510–7
Delusional bovine spongiform encephalopathy [letter] Lovestone S. **Lancet** 1990 Sep 1;336(8714):565

SCHOOL HEALTH SERVICES

Paediatrician to a special school. Lewis S. **Arch Dis Child** 1990 Jul;65(7):803–6

SCHOOL NURSING

American Academy of Pediatrics Committee on School

Health. The potentially suicidal student in the school setting. **Pediatrics** 1990 Sep;86(3):481-3

SCHOOLS

Alternative revenue sources for school foodservice: a survey of school food and nutrition services. Pond-Smith D, et al. **J Am Diet Assoc** 1990 Aug;90(8):1103-4

SCHOOLS, MEDICAL

A survey of the personal computer laboratory facilities and policies at U.S. medical schools. Gunzburger LK, et al. **Acad Med** 1990 Aug;65(8):540-1

Class mentors: a step toward implementing the GPEP report. Lobeck CC, et al. **Acad Med** 1990 Jun;65(6):351-4

The problem-based curriculum at Bowman Gray School of Medicine. Philp JR, et al. **Acad Med** 1990 Jun;65(6):363-4

Revitalizing the undergraduate college--medical school linkage [letter] Thomson WA, et al. **Acad Med** 1990 Aug; 65(8):522

Attaining academic department status for emergency medicine within medical schools. Ling LJ. **Ann Emerg Med** 1990 Jul;19(7):793-6

Academic consequences of a trauma system failure [editorial] Curreri PW. **J Trauma** 1990 Jul;30(7):834-5

Medical schools in the United States. **JAMA** 1990 Aug 15; 264(7):865-78

Medical schools in Canada. **JAMA** 1990 Aug 15;264(7):881-4

US medical school finances. Jolly P, et al. **JAMA** 1990 Aug 15;264(7):813-20

Medical revolution in Minnesota: a history of the University of Minnesota Medical School [letter] Wilson LG. **JAMA** 1990 Sep 12;264(10):1250

SCHOOLS, NURSING

Contracting: a partnership between hospitals and schools of nursing. Anema MG, et al. **J Nurs Adm** 1990 Jul-Aug; 20(7-8):7, 17

SCIATIC NERVE

Calcium-dependent protein kinase activity is decreased in diabetic rat sciatic nerve. Gabbay RA, et al. **Endocrinology** 1990 Sep;127(3):1194-8

SCIMITAR SYNDROME

Scimitar syndrome [letter] Harre J 4th, et al. **Chest** 1990 Aug; 98(2):510-1

Concomitant repair of congenital tracheal stenosis and complex cardiac anomaly in small children [see comments] Yamaguchi M, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):181-7. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):316-7.

SCLERA

Ab interno laser sclerostomy in aphakic patients with glaucoma and chronic inflammation. Wilson RP, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):178-84

SCLERITIS

Nodular posterior scleritis. Brod RD, et al. **Arch Ophthalmol** 1990 Aug;108(8):1170-1

Role of testing for anticytoplasmic autoantibodies in the differential diagnosis of scleritis and orbital pseudotumor. Kalina PH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1110-7

SCLERODERMA, SYSTEMIC

Outcome of renal crisis in systemic sclerosis: relation to availability of angiotensin converting enzyme (ACE) inhibitors. Steen VD, et al. **Ann Intern Med** 1990 Sep 1; 113(5):352-7

Skin score. A semiquantitative measure of cutaneous involvement that improves prediction of prognosis in systemic sclerosis. Clements PJ, et al. **Arthritis Rheum** 1990 Aug;33(8):1256-63

Geographic clustering of scleroderma. Maricq HR. **Br J Rheumatol** 1990 Aug;29(4):241-3

Pericardial tamponade and limited cutaneous systemic sclerosis (CREST syndrome). Sattar MA, et al. **Br J Rheumatol** 1990 Aug;29(4):306-7

Scleroderma and ovarian carcinoma [letter] Young R, et al. **Br J Rheumatol** 1990 Aug;29(4):314

Interstitial lung disease in progressive systemic sclerosis: high-resolution CT versus radiography. Schurawitzki H, et al. **Radiology** 1990 Sep;176(3):755-9

SCLEROSING SOLUTIONS

Effects of a sclerosant, ethanolamine, on the venous drainage system of the dog penis. Tiong JT, et al. **J Urol** 1990 Aug; 144(2 Pt 1):381-4

SCLEROTHERAPY

Systemic toxicity following intracavitary administration of bleomycin. Siegel RD, et al. **Chest** 1990 Aug;98(2):507

Effects of a sclerosant, ethanolamine, on the venous drainage system of the dog penis. Tiong JT, et al. **J Urol** 1990 Aug; 144(2 Pt 1):381-4

Ablation of the cystic duct and gallbladder: clinical observations. Becker CD, et al. **Radiology** 1990 Sep; 176(3):687-90

SCOLIOSIS

Operative treatment of idiopathic scoliosis. Kostuik JP. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1108-13 (35 ref.)

Cotrel-Dubousset instrumentation and vertebral rotation in adolescent idiopathic scoliosis. Cundy PJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):670-4

Association between direction of lateral lumbar shift, movement tests, and side of symptoms in patients with low back pain syndrome. Tenhula JA, et al. **Phys Ther** 1990 Aug;70(8):480-6

SCROTUM

A case of fibrous hamartoma of infancy in the scrotum including immunohistochemical findings. Groisman G, et al. **J Urol** 1990 Aug;144(2 Pt 1):340-1 (9 ref.)

SEASONS

Seasonal affective disorder and the photic sneeze response [letter] Pies R. **Am J Psychiatry** 1990 Aug;147(8):1094

Annual rotavirus epidemic patterns in North America. Results of a 5-year retrospective survey of 88 centers in Canada, Mexico, and the United States. Rotavirus Study Group. LeBaron CW, et al. **JAMA** 1990 Aug 22-29; 264(8):983-8

SECRETIN

Selective arterial stimulation of secretin in localization of gastrinomas. Rosato FE, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):196-200

SECURITY MEASURES

AMA-RPS supports increased hospital security. **JAMA** 1990 Sep 12;264(10):1245

SEDATIVES, NONBARBITURATE

Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. **Anesthesiology** 1990 Aug;73(2):230-5

Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Doze VA, et al. **Anesthesiology** 1990 Aug; 73(2):304-7

SEIZURES

Clozapine and seizures. Haller E, et al. **Am J Psychiatry** 1990 Aug;147(8):1069-71

Advanced Alzheimer's disease is a risk factor for late-onset seizures. Romanelli MF, et al. **Arch Neurol** 1990 Aug; 47(8):847-50

Reflex seizures induced by calculation, card or board games, and spatial tasks: a review of 25 patients and delineation of the epileptic syndrome. Goossens LA, et al. **Neurology** 1990 Aug;40(8):1171-6

Seizure recurrence after a 1st unprovoked seizure: an extended follow-up. Hauser WA, et al. **Neurology** 1990 Aug;40(8):1163-70

SELENIUM

A prospective study of selenium status and breast cancer risk. Hunter DJ, et al. **JAMA** 1990 Sep 5;264(9):1128-31

SELF CARE

A randomized trial to improve self-management practices of adults with asthma. Bailey WC, et al. **Arch Intern Med** 1990 Aug;150(8):1664-8

Characteristics of eighth-grade students who initiate self-care in elementary and junior high school. Dwyer KM, et al. **Pediatrics** 1990 Sep;86(3):448-54

SELF DISCLOSURE

Apparent underreporting of cigarette consumption among Mexican American smokers [see comments] Pérez-Stable EJ, et al. **Am J Public Health** 1990 Sep;80(9):1057-61. Comment in: Am J Public Health 1990 Sep;80(9):1040-1.

SELF-HELP GROUPS

Provision of help after major disasters [letter] Grunmeier PW. **Lancet** 1990 Jul 28;336(8709):259

Pregnancy and medical cost outcomes of a self-help prenatal smoking cessation program in a HMO. Ershoff DH, et al. **Public Health Rep** 1990 Jul-Aug;105(4):340-7

SELF MUTILATION

Further thoughts on self-mutilation following trauma [letter] Feldman TB. **Am J Psychiatry** 1990 Aug;147(8):1105-6

SEMEN

The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):284-6

Concentration of ofloxacin and ciprofloxacin in human semen following a single oral dose. Berger SA, et al. **J Urol** 1990 Sep;144(3):683-4

SEMEN PRESERVATION

Therapeutic donor insemination with frozen semen. Scott SG, et al. **Can Med Assoc J** 1990 Aug 15;143(4):273-8

SEMINAL VESICLES

Carcinosarcoma of the prostate in combination with adenocarcinoma of the prostate and adenocarcinoma of the seminal vesicles. A case report with immunocytochemical analysis and review of the literature. Zenklusen HR, et al. **Cancer** 1990 Sep 1;66(5):998-1001 (12 ref.)

Cystic dilatations within the pelvis in patients with ipsilateral renal agenesis or dysplasia. Sheih CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):324-7

SENSATION

Manovolumetric and sensory characteristics of the ileoanal J pouch compared with healthy rectum. Oresland T, et al. **Br J Surg** 1990 Jul;77(7):803-6

Normal cutaneous sensibility of the face. Posnick JC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):429-33; discussion 434-5

SEPTICEMIA

Invasive disease due to multiply resistant Streptococcus pneumoniae in a Houston, Tex, day-care center. Rauch AM, et al. **Am J Dis Child** 1990 Aug;144(8):923-7

Prolonged bacteremia with catheter-related central venous thrombosis. Rupar DG, et al. **Am J Dis Child** 1990 Aug; 144(8):879-82

Prevalence of clinically relevant bacteremia after upper gastrointestinal endoscopy in bone marrow transplant recipients. Bianco JA, et al. **Am J Med** 1990 Aug; 89(2):134-6

Staphylococcus aureus bacteremia in patients with Hickman catheters. Dugdale DC, et al. **Am J Med** 1990 Aug; 89(2):137-41

Cumulative positivity rates of multiple blood cultures for Mycobacterium avium-intracellulare and Cryptococcus neoformans in patients with the acquired immunodeficiency syndrome. Yagupsky P, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):923-5

Elevated von Willebrand factor antigen is an early plasma predictor of acute lung injury in nonpulmonary sepsis syndrome. Rubin DB, et al. **J Clin Invest** 1990 Aug; 86(2):474-80

Borrelia burgdorferi: survival in experimentally infected human blood processed for transfusion. Johnson SE, et al. **J Infect Dis** 1990 Aug;162(2):557-9

Antibody to the capsular polysaccharide/adhesin protects rabbits against catheter-related bacteremia due to coagulase-negative staphylococci. Kojima Y, et al. **J Infect Dis** 1990 Aug;162(2):435-41

Prophylactic and therapeutic effects of a monoclonal antibody to tumor necrosis factor-alpha in experimental gram-negative shock. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):421-7

Hypercalcitoninemia in acutely ill children [letter] Mallet E. **J Pediatr** 1990 Aug;117(2 Pt 1):337

Short-term hyperglycemia depresses immunity through nonenzymatic glycosylation of circulating immunoglobulin. Black CT, et al. **J Trauma** 1990 Jul;30(7):830-2; discussion 832-3

Life-threatening bacteraemia in HIV-1 seropositive adults admitted to hospital in Nairobi, Kenya. Gilks CF, et al. **Lancet** 1990 Sep 1;336(8714):545-9

Pneumococcal bacteremia as a marker for human immunodeficiency virus infection in patients without AIDS. Chirurgi VA, et al. **South Med J** 1990 Aug; 83(8):895-9

SERINE PROTEINASES

Active site-specific immunoassays. Mann KG, et al. **Blood** 1990 Aug 15;76(4):755-66

Regulation and cellular localization of the membrane-bound thyrotropin-releasing hormone-degrading enzyme in primary cultures of neuronal, glial and adenohypophyseal cells. Bauer K, et al. **Endocrinology** 1990 Sep; 127(3):1224-33

Mast cell chymase potentiates histamine-induced wheal formation in the skin of ragweed-allergic dogs. Rubinstein I, et al. **J Clin Invest** 1990 Aug;86(2):555-9

SEROTONIN

Changes in anterior pituitary hormone levels after serotonin 1A receptor stimulation. Di Sciullo A, et al. **Endocrinology** 1990 Aug;127(2):567-72

SEROTONIN ANTAGONISTS

A controlled trial of fluvoxamine in obsessive-compulsive disorder: implications for a serotonergic theory. Jenike MA, et al. **Am J Psychiatry** 1990 Sep;147(9):1209-15

Changes in anterior pituitary hormone levels after serotonin 1A receptor stimulation. Di Sciullo A, et al. **Endocrinology** 1990 Aug;127(2):567-72

SERTOLI CELLS

Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Grasso P, et al. **Endocrinology** 1990 Aug;127(2):949-56

SERUM ALBUMIN

Effect of indomethacin on binding of bilirubin to albumin. Lam BC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):690-1

Early onset of increased transcapillary albumin escape in awake diabetic rats. Tucker BJ. **Diabetes** 1990 Aug; 39(8):919-23

Colorimetric determination of human albumin [letter] Hinton RJ, et al. **J Clin Pathol** 1990 Jul;43(7):610

Increase of plasma nonesterified fatty acid concentration and decrease of albumin binding affinity after intravenous injection of glycocholate-lecithin mixed micelles. Guentert TW, et al. **J Lab Clin Med** 1990 Jul;116(1):66-75

SEVERITY OF ILLNESS INDEX

APACHE II scoring in the injured patient. Rhee KJ, et al. **Crit Care Med** 1990 Aug;18(8):827-30

SEX

Sexual function and practice in elderly men of lower socioeconomic status. Cogen R, et al. **J Fam Pract** 1990 Aug;31(2):162-6

Prevalence and sequelae of sexual torture. Lunde I, et al. **Lancet** 1990 Aug 4;336(8710):289-91

SEX BEHAVIOR

Further views on patient-therapist sex [letter] **Am J Psychiatry** 1990 Sep;147(9):1258-9

Sexual function and practice in elderly men of lower socioeconomic status. Cogen R, et al. **J Fam Pract** 1990 Aug;31(2):162-6

SEX BEHAVIOR, ANIMAL

Effect of continuous versus delayed insulin replacement on sex behavior and neuroendocrine function in diabetic male rats. Steger RW, et al. **Diabetes** 1990 Aug;39(8):942-8

SEX CHARACTERISTICS

Sex differences in the susceptibility of mice to infection induced by Mycobacterium intracellulare. Yamamoto Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):430-3

SEX DETERMINATION

Rapid determination of fetal sex [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):683-4

SEX DISORDERS

Prevalence and sequelae of sexual torture. Lunde I, et al. **Lancet** 1990 Aug 4;336(8710):289-91

SEX HORMONE-BINDING GLOBULIN

Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. Nakhla AM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):398-404

SEX HORMONES

Role of hormones in cervical ripening [letter] Sert MB. **Am J Obstet Gynecol** 1990 Aug;163(2):705-7

Dietary calcium, sex hormones, and bone mineral density in men. Kelly PJ, et al. **BMJ** 1990 May 26;300(6736):1361-4

SEX MATURATION

Maturation of the hypothalamic control of pulsatile gonadotropin-releasing hormone secretion at onset of puberty. I. Increased activation of N-methyl-D-aspartate receptors. Bourguignon JP, et al. **Endocrinology** 1990 Aug; 127(2):873-81

The effect of experimental varicocele on the testis of adolescent rats. Choi H, et al. **J Urol** 1990 Aug;144(2 Pt 2):499-501; discussion 512-3

Effects of the artificial urinary sphincter on prostatic development and sexual function in pubertal boys with meningomyelocele. Jumper BM, et al. **J Urol** 1990 Aug; 144(2 Pt 2):438-42; discussion 443-4

Long-term effects of prepubertal testicular vessel ligation on testicular function in the rat. Pascual JA, et al. **J Urol** 1990 Aug;144(2 Pt 2):466-8; discussion 474

Effect of age at the start of iron chelation therapy on gonadal function in beta-thalassemia major. Bronspiegel-Weintrob N, et al. **N Engl J Med** 1990 Sep 13;323(11):713-9

SEXUAL PARTNERS

Partner notification [letter] **Ann Intern Med** 1990 Sep 15; 113(6):480-1

SEXUALLY TRANSMITTED DISEASES

Partner notification [letter] **Ann Intern Med** 1990 Sep 15; 113(6):480-1

From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Sep 12;264(10):1239

SEXUALLY TRANSMITTED DISEASES, VIRAL

Partner acceptance of health department notification of HIV exposure, South Carolina. Jones JL, et al. **JAMA** 1990 Sep 12;264(10):1284-6

SEZARY SYNDROME

Epidermal Langerhans' cell densities influence survival in mycosis fungoides and Sézary syndrome. Meissner K, et al. **Cancer** 1990 May 1;65(9):2069-73

SHELLFISH

Issues of inspection and safety of seafood examined [letter] Shank FR. **J Am Diet Assoc** 1990 Aug;90(8):1054-5

Paralytic shellfish poisoning: a case report and serial electrophysiologic observations. Long RR, et al. **Neurology** 1990 Aug;40(8):1310-2

SHIGELLA SONNEI

Novel dihydrofolate reductases isolated from epidemic strains of trimethoprim/sulfamethoxazole-resistant Shigella sonnei. Barg NL, et al. **J Infect Dis** 1990 Aug;162(2):466-73

SHOCK

Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. Esposito RA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):572-4

The systemic capillary leak syndrome: appearance of interleukin-2-receptor-positive cells during attacks. Cicardi M, et al. **Ann Intern Med** 1990 Sep 15;113(6):475-7

ABC of major trauma. Management of hypovolaemic shock. Baskett PJ. **BMJ** 1990 Jun 2;300(6737):1453-7 (0 ref.)

Nearly fatal idiopathic anaphylactic reaction resulting in cardiovascular collapse and myocardial infarction. Wong S, et al. **Chest** 1990 Aug;98(2):501-3

Fed, but not fasted, adrenalectomized rats survive the stress of hemorrhage and hypovolemia. Darlington DN, et al. **Endocrinology** 1990 Aug;127(2):759-65

SHOCK, CARDIOGENIC

Right atrial infarction and cardiogenic shock complicating acute myocardial infarction: diagnosis by transesophageal echocardiography. Hilton TC, et al. **Am Heart J** 1990 Aug; 120(2):427-30

Threatened reinfarction. Effective therapy using streptokinase with reversal of cardiogenic shock. Andrews WR, et al. **Chest** 1990 Aug;98(2):495-7

Acute myocardial infarction with cardiogenic shock during pregnancy: treatment with intra-aortic balloon counterpulsation. Allen JN, et al. **Crit Care Med** 1990 Aug; 18(8):888-9

SHOCK, HEMORRHAGIC

Questioning the benefits of epidural anesthesia in hemorrhagic shock [letter] Jordan DA, et al. **Anesthesiology** 1990 Aug;73(2):360-1

Changes in the capillaries of the stria vascularis after hemorrhagic shock. Watanabe K, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):660-5

Shock, transfusion, and pneumonectomy. Death is due to right heart failure and increased pulmonary vascular resistance. Cryer HG, et al. **Ann Surg** 1990 Aug; 212(2):197-201

Early treatment with ACTH-(1-24) in a rat model of hemorrhagic shock prolongs survival and extends the time-limit for blood reinfusion to be effective. Guarini S, et al. **Crit Care Med** 1990 Aug;18(8):862-5

Hemorrhagic shock-induced bacterial translocation: the role of neutrophils and hydroxyl radicals. Deitch EA, et al. **J Trauma** 1990 Aug;30(8):942-51; discussion 951-2

The effects of aortic crossclamping and resuscitation on intracranial pressure, cerebral blood flow, and cerebral water content in a model of focal brain injury and hemorrhagic shock. Shackford SR, et al. **J Trauma** 1990 Jul;30(7):768-74; discussion 774-5

Therapeutic deep hypothermic circulatory arrest in dogs: a resuscitation modality for hemorrhagic shock with 'irreparable' injury. Tisherman SA, et al. **J Trauma** 1990 Jul;30(7):836-47

Inhibition of CD18-dependent neutrophil adherence reduces organ injury after hemorrhagic shock in primates. Mileski WJ, et al. **Surgery** 1990 Aug;108(2):206-12

Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione. Stein HJ, et al. **Surgery** 1990 Aug;108(2):467-73; discussion 473-4

SHOCK, SEPTIC

Septic shock in humans. Advances in the understanding of pathogenesis, cardiovascular dysfunction, and therapy. Parrillo JE, et al. **Ann Intern Med** 1990 Aug 1;113(3):227-42 (101 ref.)

The toxic shock syndrome [letter] **BMJ** 1990 Jun 2; 300(6737):1464

The toxic shock syndrome [letter] Higgins SP, et al. **BMJ** 1990 Jun 9;300(6738):1523

Early hemodynamic correlates of survival in patients with septic shock [letter] Clarke C, et al. **Crit Care Med** 1990 Aug;18(8):899

Prophylactic and therapeutic effects of a monoclonal antibody to tumor necrosis factor-alpha in experimental gram-negative shock. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):421-7

Serum tumor necrosis factor levels in patients with infectious disease and septic shock. Offner F, et al. **J Lab Clin Med** 1990 Jul;116(1):100-5

Causes of staphylococcal toxic shock syndrome [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):348-9

SHOCK, TRAUMATIC

Prophylaxis of acute renal failure in traumatic rhabdomyolysis [letter] Noji EK. **N Engl J Med** 1990 Aug 23;323(8):550-1

SHOULDER

Can shoulder dystocia be predicted? [letter] Gimbel GL. **Am J Obstet Gynecol** 1990 Aug;163(2):680

Shoulder pain in hemiplegia. The role of exercise. Kumar R, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):205-8

Painful shoulder in the hemiplegic and unilateral neglect. Poulin de Courval L, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):673-8

Shoulder impingement syndrome: sonographic evaluation. Farin PU, et al. **Radiology** 1990 Sep;176(3):845-9

SHOULDER DISLOCATION

Capsulorrhaphy with a staple for recurrent posterior subluxation of the shoulder. Tibone J, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):999-1002

SHOULDER JOINT

Radiological erosions in frozen shoulder. Morris IM, et al. **Br J Rheumatol** 1990 Aug;29(4):293-4

Muscle activity and coordination in the normal shoulder. An electromyographic study. Kronberg M, et al. **Clin Orthop** 1990 Aug;(257):76-85

The role of arthroscopy in the management of synovial chondromatosis of the shoulder. A case report. Richman JD, et al. **Clin Orthop** 1990 Aug;(257):91-3

Unconstrained shoulder arthroplasty. A five-year average follow-up study. Weiss AP, et al. **Clin Orthop** 1990 Aug; (257):86-90

Transfer of the trapezius for flail shoulder after brachial plexus injury. Aziz W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):701-4

The diagnostic value of arthroscopy in glenohumeral instability. Mok DW, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):698-700

The Roper-Day total shoulder replacement. Roper BA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):694-7

Magnetic resonance imaging of the shoulder. Kursunoglu-Brahme S, et al. **Radiol Clin North Am** 1990 Sep;28(5):941-54 (14 ref.)

Shoulder impingement syndrome: sonographic evaluation. Farin PU, et al. **Radiology** 1990 Sep;176(3):845-9

SIALIC ACIDS

Sialic acid histochemistry and the adenoma-carcinoma sequence in colorectum. Agawa S, et al. **J Clin Pathol** 1990 Jul;43(7):527-32

Modification by sialic acid of Neisseria gonorrhoeae lipooligosaccharide epitope expression in human urethral exudates: an immunoelectron microscopic analysis. Apicella MA, et al. **J Infect Dis** 1990 Aug;162(2):506-12

SIALOGLYCOPROTEINS

Relationship of the human erythrocyte Wrb antigen to an interaction between glycophorin A and band 3. Telen MJ, et al. **Blood** 1990 Aug 15;76(4):842-8

Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. Bouvet JP, et al. **J Immunol** 1990 Aug 15; 145(4):1176-80

T cells bind to cytokine-activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule-1. Graber N, et al. **J Immunol** 1990 Aug 1;145(3):819-30

SICK SINUS SYNDROME

Recurrent bradycardia due to latent sick sinus syndrome [letter] Levy DM. **Anaesthesia** 1990 Jun;45(6):488-9
Sick sinus syndrome cured by ... vitamin D? Kessel L. **Geriatrics** 1990 Aug;45(8):83-5

SIGMOID

Vasoactive intestinal polypeptide levels in sigmoid colon in idiopathic constipation and diverticular disease. Milner P, et al. **Gastroenterology** 1990 Sep;99(3):666-75
Seromuscular enterocystoplasty in dogs. Salle JL, et al. **J Urol** 1990 Aug;144(2 Pt 2):454-6; discussion 460

SIGMOID NEOPLASMS

Current status of tumor of the bowel following ureterosigmoidostomy: a review. Husmann DA, et al. **J Urol** 1990 Sep;144(3):607-10 (28 ref.)

SIGNAL TRANSDUCTION

Signal transduction of the human granulocyte-macrophage colony-stimulating factor and interleukin-3 receptors involves tyrosine phosphorylation of a common set of cytoplasmic proteins. Kanakura Y, et al. **Blood** 1990 Aug 15;76(4):706-15
Mechanisms of abnormal transmembrane signaling of the beta-adrenergic receptor in congestive heart failure. Horn EM, et al. **Circulation** 1990 Aug;82(2 Suppl):I26-34

SILICA

Mineralogical microanalysis of idiopathic pulmonary fibrosis. Monso E, et al. **Arch Environ Health** 1990 May-Jun; 45(3):185-8

SILICON

Transcutaneous intrafold injection for unilateral vocal fold paralysis: functional results. Hirano M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):598-604

SILICONE ELASTOMERS

Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Ball AB, et al. **Br J Radiol** 1990 May;63(749):346-8

SILICONES

The emergency department treatment of dyspepsia with antacids and oral lidocaine. Welling LR, et al. **Ann Emerg Med** 1990 Jul;19(7):785-8
Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer. Ryu J, et al. **Cancer** 1990 Sep 1;66(5):844-7

SILVER NITRATE

Experiences in the treatment of chyluria in Taiwan. Tan LB, et al. **J Urol** 1990 Sep;144(3):710-3

SINOATRIAL NODE

Combined atrioventricular block and sinus node dysfunction in Fabry's disease. Suzuki M, et al. **Am Heart J** 1990 Aug; 120(2):438-40

SINUS OF VALSALVA

Echocardiographic diagnosis of unruptured aneurysm of the sinus of Valsalva dissecting into the ventricular septum. Dev V, et al. **Am J Cardiol** 1990 Aug 15;66(4):502-3

SINUS THROMBOSIS

Postpartum intracranial venous thrombosis associated with dysfunctional protein C and deficiency of protein S. Roos KL, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):492-4

SINUSITIS

Nosocomial sinusitis in pediatric intensive care patients [letter] Guerin JM, et al. **Crit Care Med** 1990 Aug;18(8):902

SISTER CHROMATID EXCHANGE

Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Richards GA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):648-54

SJOGREN'S SYNDROME

Arthritis mutilans, tumoral calcinosis, Raynaud's phenomenon and Sjögren's syndrome. Monteagudo M, et al. **Br J Rheumatol** 1990 Aug;29(4):303-5

SKIN

Skin surface electron microscopy in Pityrosporum folliculitis. The role of follicular occlusion in disease and the response to oral ketoconazole. Hill MK, et al. **Arch Dermatol** 1990 Aug;126(8):1071-4
Cutaneous formation of vitamin D in psoriasis [letter] Matsuoka LY, et al. **Arch Dermatol** 1990 Aug;126(8):1107-8
Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Blass JP, et al. **Arch Neurol** 1990 Aug; 47(8):864-9
Skin score. A semiquantitative measure of cutaneous involvement that improves prediction of prognosis in systemic sclerosis. Clements PJ, et al. **Arthritis Rheum** 1990 Aug;33(8):1256-63
Purpura and dermal thinning associated with high dose inhaled corticosteroids. Capewell S, et al. **BMJ** 1990 Jun 16;300(6739):1548-51
The effect of Captopril on benign and malignant reactions in irradiated rat skin. Ward WF, et al. **Br J Radiol** 1990 May;63(749):349-54
Anatomical aspects of the blood supply to the skin of the posterior calf: technique of below-knee amputation. Gray DW, et al. **Br J Surg** 1990 Jun;77(6):662-4
Cyclosporin A exerts a cytostatic effect in vivo on human and murine epithelial cells. Ramirez-Bosca A, et al. **Cancer** 1990 Sep 1;66(5):936-40
Diminished reactive hyperemia in the skin of critically ill patients. Haisjackl M, et al. **Crit Care Med** 1990 Aug; 18(8):813-8
Production of an insulin-like growth factor (IGF)-inducible IGF-binding protein by human skin fibroblasts. Martin JL, et al. **Endocrinology** 1990 Aug;127(2):781-8
Suntanning and cutaneous synthesis of vitamin D3. Matsuoka LY, et al. **J Lab Clin Med** 1990 Jul;116(1):87-90
Glycyrrhetinic acid and potentiation of hydrocortisone activity in skin [letter] Edwards CR, et al. **Lancet** 1990 Aug 4;336(8710):322-3
Normal cutaneous sensibility of the face. Posnick JC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):429-33; discussion 434-5

SKIN DISEASES

Acute tender nodules in a linear arrangement. Granulation tissue with hemorrhage. Forman AB, et al. **Arch Dermatol** 1990 Aug;126(8):1091, 1094-5
Large subcutaneous calcification in systemic lupus erythematosus. Nomura M, et al. **Arch Dermatol** 1990 Aug; 126(8):1057-9
HLA antigens in lichen sclerosus et atrophicus. Purcell KG, et al. **Arch Dermatol** 1990 Aug;126(8):1043-5 (17 ref.)
Extensive calcinosis cutis with systemic lupus erythematosus. Rothe MJ, et al. **Arch Dermatol** 1990 Aug;126(8):1060-3
Ocular findings in oculodermal melanocytosis. Teekhasaenee C, et al. **Arch Ophthalmol** 1990 Aug;108(8):1114-20
Meningococcal meningitis [letter] Carter PE. **BMJ** 1990 Jun 16;300(6739):1584
Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809-10
Cutaneous signs of internal disease in the elderly. Duncan WC, et al. **Geriatrics** 1990 Aug;45(8):24-30 (18 ref.)
Porphyria cutanea tarda and haemochromatosis: a family study. Seymour DG, et al. **Gut** 1990 Jun;31(6):719-21
Necrosis of the skin over the metacarpal as a result of functional fracture-bracing [letter] Harvie KW. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1114-5
Porphyria cutanea tarda in human immunodeficiency virus-infected patients. Cohen PR, et al. **JAMA** 1990 Sep 12;264(10):1315-6
Lasers in dermatology. Hartwig PA. **Nurs Clin North Am** 1990 Sep;25(3):657-66 (10 ref.)

SKIN DISEASES, INFECTIOUS

Chronic localized herpes zoster in the acquired immunodeficiency syndrome [letter] [see comments] Disler RS, et al. **Arch Dermatol** 1990 Aug;126(8):1105-6. Comment in: Arch Dermatol 1990 Aug;126(8):1086-8.
Disseminated Mycobacterium chelonae subspecies chelonae infection with cutaneous and osseous manifestations. Drabick JJ, et al. **Arch Dermatol** 1990 Aug;126(8):1064-7 (15 ref.)
Varicella-zoster virus disease in patients with human immunodeficiency virus infection [comment] Gulick RM, et al. **Arch Dermatol** 1990 Aug;126(8):1086-8 (14 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1033-6. Comment on: Arch Dermatol 1990 Aug;126(8):1048-50. Comment on: Arch Dermatol 1990 Aug;126(8):1105-6.
Prolonged cutaneous herpes zoster in acquired immunodeficiency syndrome [see comments] Hoppenjans WB, et al. **Arch Dermatol** 1990 Aug;126(8):1048-50. Comment in: Arch Dermatol 1990 Aug;126(8):1086-8.
Disseminated cutaneous infection caused by Mycobacterium avium complex [letter] Lugo-Janer G, et al. **Arch Dermatol** 1990 Aug;126(8):1108-10
Varicella in patients infected with the human immunodeficiency virus [see comments] Perronne C, et al. **Arch Dermatol** 1990 Aug;126(8):1033-6. Comment in: Arch Dermatol 1990 Aug;126(8):1086-8.

SKIN NEOPLASMS

Dysplastic nevi and malignant melanoma. Crutcher WA, et al. **Am Fam Physician** 1990 Aug;42(2):372-85 (35 ref.)
Axillary dissection in melanoma. Prognostic variables in node-positive patients. Bevilacqua RG, et al. **Ann Surg** 1990 Aug;212(2):125-31
Current management of malignant melanoma [editorial] Morton DL. **Ann Surg** 1990 Aug;212(2):123-4
The effect of an intralesional sustained-release formulation of interferon alfa-2b on basal cell carcinomas. Edwards L, et al. **Arch Dermatol** 1990 Aug;126(8):1029-32
Multiple cutaneous granular cell tumors and neurofibromatosis in childhood. A case report and review of the literature. Martin RW 3d, et al. **Arch Dermatol** 1990 Aug;126(8):1051-6 (61 ref.)
Histologic changes in superficial basal cell epithelioma and Bowen's disease by intralesional injection of recombinant interleukin 2: recombinant interleukin 2 may induce redifferentiation of malignant tumor cells in vivo [letter] Mihara M, et al. **Arch Dermatol** 1990 Aug;126(8):1107
Multiple hypopigmented papules. Trichodiscoma. Weinstein M, et al. **Arch Dermatol** 1990 Aug;126(8):1093, 1096
The Kasabach-Merritt syndrome: treatment with intermittent pneumatic compression. Aylett SE, et al. **Arch Dis Child** 1990 Jul;65(7):790-1
The effect of Captopril on benign and malignant reactions in irradiated rat skin. Ward WF, et al. **Br J Radiol** 1990 May;63(749):349-54
Immunohistochemical study of melanocytic nevus and malignant melanoma with monoclonal antibodies against S-100 subunits. Cho KH, et al. **Cancer** 1990 Aug 15; 66(4):765-71
Epidermal Langerhans' cell densities influence survival in mycosis fungoides and Sézary syndrome. Meissner K, et al. **Cancer** 1990 May 1;65(9):2069-73
Abnormal expression of G71 antibody at the epidermal basement membrane in basal cell carcinoma. Tidman MJ, et al. **Cancer** 1990 May 1;65(9):1955-9
Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Graham D, et al. **Lancet** 1990 Sep 1;336(8714):574
Skin cancer and the ozone shield [letter] Staehelin J, et al. **Lancet** 1990 Aug 25;336(8713):502
Kaposi's sarcoma and HTLV-I infection [letter] Veyssier-Belot C, et al. **Lancet** 1990 Sep 1;336(8714):575
Basal cell carcinoma in a 12-year-old boy. Comstock J, et al. **Pediatrics** 1990 Sep;86(3):460-3
Ultraviolet light and free radicals: an immunologic theory of epidermal carcinogenesis. Axelrod M, et al. **Plast Reconstr Surg** 1990 Sep;86(3):582-93 (72 ref.)
Late recurrence of localized cutaneous melanoma: its influence on follow-up policy. McEwan L, et al. **Plast Reconstr Surg** 1990 Sep;86(3):527-34
Lower eyelid reconstruction with the upper eyelid rotation flap. Papp C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):563-5; discussion 566-8

SKIN PIGMENTATION

Aplastic anemia associated with canthaxanthin ingested for 'tanning' purposes. Bluhm R, et al. **JAMA** 1990 Sep 5; 264(9):1141-2

SKIN TEMPERATURE

Skin-surface warming: heat flux and central temperature. Sessler DI, et al. **Anesthesiology** 1990 Aug;73(2):218-24

SKIN TESTS

Testing for allergic disease [letter] Smith SJ, et al. **Ann Intern Med** 1990 Aug 15;113(4):331-2
Multi-Test versus Morrow Brown needle [letter] Mahan C, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):275-7
Skin reactivity to codeine and histamine during prolonged corticosteroid therapy. Olson R, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):153-9
A double-blind study of symptom provocation to determine food sensitivity [see comments] Jewett DL, et al. **N Engl J Med** 1990 Aug 16;323(7):429-33. Comment in: N Engl J Med 1990 16;323(7):476-8.
Allergy screening tests [letter] Marinkovich VA. **West J Med** 1990 Jul;153(1):87-8

SKIN TRANSPLANTATION

Characterization of cellular elements in healed cultured keratinocyte autografts used to cover burn wounds [letter] Phillips TJ, et al. **Arch Dermatol** 1990 Aug;126(8):1104-5
Split skin grafting in children with immune deficiencies. Dziewulski P, et al. **BMJ** 1990 Jun 2;300(6737):1439-40
Sequential mechanisms of cyclophosphamide-induced skin allograft tolerance including the intrathymic clonal deletion followed by late breakdown of the clonal deletion. Eto M, et al. **J Immunol** 1990 Sep 1;145(5):1303-10
Experience with 81, 1-stage hypospadias/chordee repairs with free graft urethroplasties. Rober PE, et al. **J Urol** 1990 Aug;144(2 Pt 2):526-9; discussion 530
Recurrent Paget disease of the vulva in a split-thickness graft. Misas JE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):543-4
Primary closure of split-thickness donor site [letter] Schmidt GH. **Plast Reconstr Surg** 1990 Sep;86(3):604

The effect of epinephrine in local anesthesia on the survival of full- and split-thickness skin grafts: an experimental study. Wolfort S, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):535–40

SKIN ULCER

Split skin grafting in children with immune deficiencies. Dziewulski P, et al. **BMJ** 1990 Jun 2;300(6737):1439–40

SKULL

Pott's puffy tumour reviewed. Blackshaw G, et al. **J Laryngol Otol** 1990 Jul;104(7):574–7 (7 ref.)

Effects of unilateral premature fusion of the zygomaxillary suture on the growth of nasomaxillary complex. Thimaporn J, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):835–41

The placement of screws above the zygomaticofrontal suture. Zide MF, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):813–6

Obstructive sleep apnea in Apert's and Pfeiffer's syndromes: more than a craniofacial abnormality. Mixter RC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):457–63

SKULL FRACTURES

Maxillofacial fractures in the elderly: a comparative study. Falcone PA, et al. **Plast Reconstr Surg** 1990 Sep;86(3):443–8

SKULL NEOPLASMS

Ossifying hemangioma of the temporal bone. Gavilán J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):965–7

Amyloidoma of the skull base. Ferreiro JA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):974–6

SLEEP

The influence of increasing ventilatory effort on arousal from sleep. Gleeson K, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):295–300

SLEEP APNEA SYNDROMES

Respiratory muscle function during obstructive sleep apnea. Wilcox PG, et al. **Am Rev Respir Dis** 1990 Sep;142(3):533–9

Suction-assisted lipectomy in the management of obstructive sleep apnea. Fedok FG, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):968–70

An evaluation of flow-volume curves as a screening test for obstructive sleep apnea. Katz I, et al. **Chest** 1990 Aug; 98(2):337–40

Treatment of obstructive sleep apnea. A preliminary report comparing nasal CPAP to nasal oxygen in patients with mild OSA. Phillips BA, et al. **Chest** 1990 Aug;98(2):325–30

Obstructive sleep apnea treated by independently adjusted inspiratory and expiratory positive airway pressures via nasal mask. Physiologic and clinical implications. Sanders MH, et al. **Chest** 1990 Aug;98(2):317–24

Relationship between breath-holding spells and cardiorespiratory control: a new perspective [comment] Hunt CE. **J Pediatr** 1990 Aug;117(2 Pt 1):245–7. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):188–93.

Brief airway obstructions during sleep in infants with breath-holding spells [see comments] Kahn A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):188–93. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):245–7.

Association of sleep apnoea with myocardial infarction in men. Hung J, et al. **Lancet** 1990 Aug 4;336(8710):261–4

Obstructive sleep apnea syndrome. Kaplan J, et al. **Mayo Clin Proc** 1990 Aug;65(8):1087–94 (47 ref.)

Nasal influences on snoring and obstructive sleep apnea. Olsen KD, et al. **Mayo Clin Proc** 1990 Aug;65(8):1095–105 (68 ref.)

Obstructive sleep apnea in Apert's and Pfeiffer's syndromes: more than a craniofacial abnormality. Mixter RC, et al. **Plast Reconstr Surg** 1990 Sep;86(3):457–63

SLEEP DEPRIVATION

Comments on antidepressant response to sleep deprivation [letter] **Am J Psychiatry** 1990 Aug;147(8):1102–3

Effect of total sleep deprivation on 5'-deiodinase activity of rat brown adipose tissue. Balzano S, et al. **Endocrinology** 1990 Aug;127(2):882–90

SLEEP DISORDERS

Pharmacologic approach to sleep panic attacks [letter] Feder R. **Am J Psychiatry** 1990 Aug;147(8):1091–2

Psychological symptoms in primary fibromyalgia syndrome: relationship to pain, life stress, and sleep disturbance. Uveges JM, et al. **Arthritis Rheum** 1990 Aug;33(8):1279–83

Sleep disturbance and HMG CoA reductase inhibitors [letter] Black DM, et al. **JAMA** 1990 Sep 5;264(9):1105

Restless legs syndrome and periodic movements of sleep. Krueger BR. **Mayo Clin Proc** 1990 Jul;65(7):999–1006 (81 ref.)

Geriatrics: sleep disorders and aging. Prinz PN, et al. **N Engl J Med** 1990 Aug 23;323(8):520–6 (80 ref.)

SLEEP, REM

Abundant REM sleep in a patient with Alzheimer's disease. Bliwise DL, et al. **Neurology** 1990 Aug;40(8):1281–4

SLOW VIRUS DISEASES

Delusional bovine spongiform encephalopathy [letter] Lovestone S. **Lancet** 1990 Sep 1;336(8714):565

SMOKE INHALATION INJURY

Experimental inhalation injury with concomitant surface burn: dextran resuscitation improves lung water and oxygenation. Schenk WG 3d, et al. **J Trauma** 1990 Jul; 30(7):813–8; discussion 818–9

SMOKING

Metabolic effects of nicotine after consumption of a meal in smokers and nonsmokers. Perkins KA, et al. **Am J Clin Nutr** 1990 Aug;52(2):228–33

Mania after nicotine withdrawal [letter] Cohen SB. **Am J Psychiatry** 1990 Sep;147(9):1254–5

Abstinence from smoking and expired-air carbon monoxide levels: lactose intolerance as a possible source of error [see comments] McNeill AD, et al. **Am J Public Health** 1990 Sep;80(9):1114–5. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.

Apparent underreporting of cigarette consumption among Mexican American smokers [see comments] Pérez-Stable EJ, et al. **Am J Public Health** 1990 Sep;80(9):1057–61. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.

Racial differences in serum cotinine levels among smokers in the coronary artery risk development in (young) adults study [see comments] Wagenknecht LE, et al. **Am J Public Health** 1990 Sep;80(9):1053–6. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.

Small airway dimensions in smokers with obstruction to airflow. Bosken CH, et al. **Am Rev Respir Dis** 1990 Sep; 142(3):563–70

Smoking and smoking cessation. Fisher EB Jr, et al. **Am Rev Respir Dis** 1990 Sep;142(3):702–20 (213 ref.)

Elevated concentration of soluble interleukin-2 receptors in serum of smokers and patients with lung cancer. Correlation with clinical activity. Ginns LC, et al. **Am Rev Respir Dis** 1990 Aug;142(2):398–402

Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Richards GA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):648–54

Reinfarction after thrombolytic therapy for acute myocardial infarction followed by conservative management: incidence and effect of smoking. Rivers JT, et al. **J Am Coll Cardiol** 1990 Aug;16(2):340–8

The illegal sale of cigarettes to minors in Oregon. Thomson B, et al. **J Fam Pract** 1990 Aug;31(2):206–8

Pregnancy and medical cost outcomes of a self-help prenatal smoking cessation program in a HMO. Ershoff DH, et al. **Public Health Rep** 1990 Jul–Aug;105(4):340–7

SNAKE BITES

Anaphylactic shock secondary to rattlesnake bite. Hogan DE, et al. **Ann Emerg Med** 1990 Jul;19(7):814–6

SNEEZING

Seasonal affective disorder and the photic sneeze response [letter] Pies R. **Am J Psychiatry** 1990 Aug;147(8):1094

SNORING

Snoring every night as a risk factor for myocardial infarction: a case-control study. D'Alessandro R, et al. **BMJ** 1990 Jun 16;300(6739):1557–8

Nasal influences on snoring and obstructive sleep apnea. Olsen KD, et al. **Mayo Clin Proc** 1990 Aug;65(8):1095–105 (68 ref.)

SOCIAL ADJUSTMENT

Social competence and behavior problems in premature children at school age. Ross G, et al. **Pediatrics** 1990 Sep; 86(3):391–7

SOCIAL CLASS

Social class as a prognostic factor in breast cancer survival. Karjalainen S, et al. **Cancer** 1990 Aug 15;66(4):819–26

Inequalities in health: ten years and little further on. Morris JN. **Lancet** 1990 Aug 25;336(8713):491–3

SOCIAL CONTROL, FORMAL

Voluntary control of drug promotion in Sweden. Perman E. **N Engl J Med** 1990 Aug 30;323(9):616–7

SOCIAL ENVIRONMENT

Questions asked by patients and their support groups during family conferences on inpatient rehabilitation units. Glennon TP, et al. **Arch Phys Med Rehabil** 1990 Aug; 71(9):699–702

"Abandoned" parents. Loss of traditional family support systems. A challenge for health professionals. Porter B. **Clin Pediatr (Phila)** 1990 Jul;29(7):401–4

The nursing shortage: dynamics and solutions. Solutions in a pluralistic environment. Gronvall JA. **Nurs Clin North Am** 1990 Sep;25(3):587–95

Weight and dieting concerns in adolescents, fashion or symptom? Casper RC, et al. **Pediatrics** 1990 Sep; 86(3):384–90

SOCIAL PROBLEMS

Adolescent wellness. Facilitating compliance in social morbidities. Rickert VI, et al. **Med Clin North Am** 1990 Sep;74(5):1135–48 (96 ref.)

SOCIAL RESPONSIBILITY

Medical responsibility and global environmental change. McCally M, et al. **Ann Intern Med** 1990 Sep 15; 113(6):467–73 (44 ref.)

Societal trends toward accountability in the professions. Rineberg BA. **Clin Orthop** 1990 Aug;(257):43–6

A commitment to medicine and society. Fergusson FD. **Mayo Clin Proc** 1990 Aug;65(8):1106–9

SOCIETIES

Irish condom ruling [news] Nowlan D. **BMJ** 1990 Jun 2; 300(6737):1420–1

SOCIETIES, MEDICAL

Defending humanistic values. Pardes H. **Am J Psychiatry** 1990 Sep;147(9):1112–9

The American College of Rheumatology 1990 criteria for the classification of Takayasu arteritis. Arend WP, et al. **Arthritis Rheum** 1990 Aug;33(8):1129–34

The American College of Rheumatology 1990 criteria for the classification of vasculitis. Patients and methods. Bloch DA, et al. **Arthritis Rheum** 1990 Aug;33(8):1068–73

The American College of Rheumatology 1990 criteria for the classification of hypersensitivity vasculitis. Calabrese LH, et al. **Arthritis Rheum** 1990 Aug;33(8):1108–13

The American College of Rheumatology 1990 criteria for the classification of vasculitis. Summary. Fries JF, et al. **Arthritis Rheum** 1990 Aug;33(8):1135–6

The American College of Rheumatology 1990 criteria for the classification of giant cell arteritis. Hunder GG, et al. **Arthritis Rheum** 1990 Aug;33(8):1122–8

The American College of Rheumatology 1990 criteria for the classification of vasculitis. Introduction. Hunder GG, et al. **Arthritis Rheum** 1990 Aug;33(8):1065–7

The American College of Rheumatology 1990 criteria for the classification of Wegener's granulomatosis. Leavitt RY, et al. **Arthritis Rheum** 1990 Aug;33(8):1101–7

The American College of Rheumatology 1990 criteria for the classification of polyarteritis nodosa. Lightfoot RW Jr, et al. **Arthritis Rheum** 1990 Aug;33(8):1088–93

The American College of Rheumatology 1990 criteria for the classification of Churg-Strauss syndrome (allergic granulomatosis and angiitis). Masi AT, et al. **Arthritis Rheum** 1990 Aug;33(8):1094–100

The American College of Rheumatology 1990 criteria for the classification of Henoch-Schönlein purpura. Mills JA, et al. **Arthritis Rheum** 1990 Aug;33(8):1114–21

Cope in office. Solomon T. **BMJ** 1990 Jul 7;301(6742):32–3

What does ILAR do? International League Against Rheumatism [editorial] Muirden KD. **Br J Rheumatol** 1990 Aug;29(4):243–4

The BMA comes to Winnipeg. Mayba II. **Can Med Assoc J** 1990 Aug 1;143(3):217

Many mountains climbed, many yet to conquer. Chapman MW. **J Bone Joint Surg [Am]** 1990 Aug;72(7):959–63

Policy statement on grants and awards by the RSNA Research and Education Fund Board of Trustees. Baker HL Jr, et al. **Radiology** 1990 Sep;176(3):861–2

SODIUM

Intracellular sodium levels in pregnant women with hypertension [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):261–2

Lactic acidosis [letter] **Ann Intern Med** 1990 Aug 1; 113(3):254–6

Prompt inhibition of arginine vasopressin-induced cellular adenosine 3',5'-monophosphate production by extracellular sodium depletion in rat renal inner medullary collecting duct cells in culture. Ishikawa SE, et al. **Endocrinology** 1990 Aug;127(2):560–6

Enhancement of electrogenic Na+ transport across rat inner medullary collecting duct by glucocorticoid and by mineralocorticoid hormones. Husted RF, et al. **J Clin Invest** 1990 Aug;86(2):498–506

Inhibition of Na/H exchange in avian intestine by atrial natriuretic factor. Semrad CE, et al. **J Clin Invest** 1990 Aug;86(2):585–91

SODIUM CHLORIDE

Amnioinfusion and prevention of meconium aspiration syndrome [letter] Falciglia HS. **Am J Obstet Gynecol** 1990

Jul;163(1 Pt 1):258–9
Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo–neurohypophyseal explants. Yagil C, et al. **Endocrinology** 1990 Sep;127(3):1428–35
Survival of Helicobacter pylori in water and saline [letter] West AP, et al. **J Clin Pathol** 1990 Jul;43(7):609

SODIUM, DIETARY

Sodium and potassium intake and blood pressure change in childhood [letter] Sinclair L, et al. **BMJ** 1990 May 26; 300(6736):1397
Agreement between analytical values and label declarations of sodium content of processed packaged foods. Cook KK, et al. **J Am Diet Assoc** 1990 Aug;90(8):1085–8
Can't see the salt [letter] Hindle NW. **N Engl J Med** 1990 Aug 16;323(7):488

SODIUM FLUORIDE

Fluoride and vertebral fractures [letter] Mamelle N, et al. **Lancet** 1990 Jul 28;336(8709):243

SOFT TISSUE NEOPLASMS

Lymphocyte–predominant Hodgkin disease manifested as a subcutaneous arm mass [letter] Nelson MC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):658–9
Diffuse angiomatosis of the extremities presenting as a sarcoma. Allenby PA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):987–90
Mesenchymal chondrosarcoma. An immunohistochemical study. Swanson PE, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):943–8
Radiological features of extraskeletal Ewing sarcoma. O'Keeffe F, et al. **Br J Radiol** 1990 Jun;63(750):456–60
Diagnosis of soft tissue tumours by Tru–Cut biopsy. Ball AB, et al. **Br J Surg** 1990 Jul;77(7):756–8
Randomized comparison of doxorubicin and vindesine to doxorubicin for patients with metastatic soft–tissue sarcomas. Borden EC, et al. **Cancer** 1990 Sep 1;66(5):862–7
Pediatric osteosarcoma. Successful retreatment of relapsed primary tumor and soft tissue recurrence with intraarterial cis–diamminedichloroplatin–II. Epelman S, et al. **Cancer** 1990 Aug 15;66(4):801–5
Soft tissue sarcoma and occupational exposures. Wingren G, et al. **Cancer** 1990 Aug 15;66(4):806–11
Comparison of 22–gauge Chiba and screw–tipped needles for cytologic diagnosis of malignancy in in vitro tumor specimens. Mindell HJ, et al. **Radiology** 1990 Sep; 176(3):681–2
Soft–tissue sarcomas: detection of metabolic heterogeneity with P–31 MR spectroscopy. Sostman HD, et al. **Radiology** 1990 Sep;176(3):837–43

SOFTWARE

Computerized literature reference system: use of an optical scanner and optical character recognition software. Lossef SV, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):617–9
Managing medical references [letter] Faughnan J. **Ann Intern Med** 1990 Sep 15;113(6):484
A computerized approach to injury description. Osler TM, et al. **J Trauma** 1990 Aug;30(8):983–7; discussion 987–8
Quality assurance in obstetrics: a model. Silberman L. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):466–70

SOLVENTS

Gall stone dissolution with methyl tert–butyl ether: how to avoid complications. Hellstern A, et al. **Gut** 1990 Aug; 31(8):922–5

SOMATOFORM DISORDERS

Body dysmorphic disorder: the relationship to obsessive–compulsive disorder. Brady kt, et al. **J Nerv Ment Dis** 1990 Aug;178(8):538–40

SOMATOMEDINS

IGF–I—stimulated glucose transport in human skeletal muscle and IGF–I resistance in obesity and NIDDM. Dohm GL, et al. **Diabetes** 1990 Sep;39(9):1028–32
Regulation of insulin–like growth factor I and stage–specific levels of epidermal growth factor in stage synchronized rat testes. Bartlett JM, et al. **Endocrinology** 1990 Aug; 127(2):747–58
Expression of insulin–like growth factor I stimulates normal somatic growth in growth hormone–deficient transgenic mice. Behringer RR, et al. **Endocrinology** 1990 Sep; 127(3):1033–40
Regulation of serum insulin–like growth factor–I (IGF–I) and IGF binding proteins during rat pregnancy. Davenport ML, et al. **Endocrinology** 1990 Sep;127(3):1278–86
Increased activity of insulin–like growth factor (IGF) in osteoblastic cells in the presence of growth hormone (GH): positive correlation with the presence of the GH–induced IGF–binding protein BP–3. Ernst M, et al. **Endocrinology** 1990 Aug;127(2):807–14
Different half–lives of insulin–like growth factor I mRNAs that differ in length of 3' untranslated sequence. Hepler JE, et al. **Endocrinology** 1990 Sep;127(3):1550–2
Expression of atypical and classical insulin receptors in Chinese hamster ovary cells transfected with cloned cDNA for the human insulin receptor. Jonas HA, et al. **Endocrinology** 1990 Sep;127(3):1301–9
Production of an insulin–like growth factor (IGF)–inducible IGF–binding protein by human skin fibroblasts. Martin JL, et al. **Endocrinology** 1990 Aug;127(2):781–8
The insulin–like growth factor I (IGF–I) gene is expressed in chick embryos during early organogenesis. Serrano J, et al. **Endocrinology** 1990 Sep;127(3):1547–9
The state of differentiation of embryonic chicken lens cells determines insulin–like growth factor I internalization. Soler AP, et al. **Endocrinology** 1990 Aug;127(2):595–603
Insulin–like growth factor binding proteins in human breast cancer cells: relationship to hIGFBP–2 and hIGFBP–3. De Leon DD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):530–2
Growth hormone mediates the growth of T–lymphoblast cell lines via locally generated insulin–like growth factor–I. Geffner ME, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):464–9
Insulin–like growth factor–I enhances luteinizing hormone binding to rat ovarian theca–interstitial cells. Cara JF, et al. **J Clin Invest** 1990 Aug;86(2):560–5
The secretion of insulin–like growth factors I and II by explant cultures of fibroids and myometrium from women treated with a gonadotropin–releasing hormone agonist. Rein MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):388–94
Insulin–like growth factor I receptors in the arteries of the rabbit: autoradiographic mapping and receptor characterization. Sidawy AN, et al. **Surgery** 1990 Aug; 108(2):165–70; discussion 170–1
The effect of insulin–like growth factor I on postburn hypermetabolism. Strock LL, et al. **Surgery** 1990 Aug; 108(2):161–4

SOMATOSENSORY CORTEX

Correlation of brain mapping and MR imaging [letter] Levesque MF. **J Neurosurg** 1990 Sep;73(3):474

SOMATOSTATIN

Inhibition of insulin and somatostatin secretion and stimulation of glucagon release by homologous galanin in perfused rat pancreas. Miralles P, et al. **Diabetes** 1990 Aug; 39(8):996–1001
Release of somatostatin immunoreactivity from human antral D cells in culture. Buchan AM, et al. **Gastroenterology** 1990 Sep;99(3):690–6
Somatostatin monoclonal antibody immunoneutralization increases gastrin and gastric acid secretion in urethane–anesthetized rats. Yang H, et al. **Gastroenterology** 1990 Sep;99(3):659–65
Normal and adenomatous human pituitaries secrete thyrotropin–releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480–6
Reduction of lymphorrhagia from ruptured thoracic duct by somatostatin [letter] Ulibarri JI, et al. **Lancet** 1990 Jul 28; 336(8709):258
Cortical neurons containing somatostatin– or parvalbumin–like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Weiss JH, et al. **Neurology** 1990 Aug;40(8):1288–92

SOMATOTROPIN

Growth hormone response to growth hormone–releasing hormone in schizophrenic patients. Mayerhoff DI, et al. **Am J Psychiatry** 1990 Aug;147(8):1072–4
Urinary growth hormone excretion [letter] Addison GM. **Arch Dis Child** 1990 Jul;65(7):811–2
Proliferative retinopathy with growth hormone deficiency and diabetes mellitus [letter] Quin JD, et al. **BMJ** 1990 Jun 16;300(6739):1586–7
Metabolic effects of recombinant human growth hormone: isotopic studies in the postabsorptive state and during total parenteral nutrition. Douglas RG, et al. **Br J Surg** 1990 Jul;77(7):785–90
Demonstration of lactogenic receptors in rat endocrine pancreases by quantitative autoradiography. Polak M, et al. **Diabetes** 1990 Sep;39(9):1045–9
Expression of insulin–like growth factor I stimulates normal somatic growth in growth hormone–deficient transgenic mice. Behringer RR, et al. **Endocrinology** 1990 Sep; 127(3):1033–40
Increased activity of insulin–like growth factor (IGF) in osteoblastic cells in the presence of growth hormone (GH): positive correlation with the presence of the GH–induced IGF–binding protein BP–3. Ernst M, et al. **Endocrinology** 1990 Aug;127(2):807–14
Effect of food withdrawal and insulin on growth hormone secretion in the guinea pig. Fairhall KM, et al. **Endocrinology** 1990 Aug;127(2):716–23
Growth hormone and prolactin secretion in cultured somatomammotroph cells. Kashio Y, et al. **Endocrinology** 1990 Sep;127(3):1129–35
Regulation of growth hormone (GH) bioactivity by a recombinant human GH–binding protein. Lim L, et al. **Endocrinology** 1990 Sep;127(3):1287–91
Relationship between the antigenic topography and the structure of human growth hormone. Mazza MM, et al. **Endocrinology** 1990 Sep;127(3):1002–8
Monoclonal antibodies as probes to study the human growth hormone–binding domain to lactogenic rat liver receptors. Roguin LP, et al. **Endocrinology** 1990 Sep;127(3):1009–15
A new and convenient assay of growth hormone–binding protein activity in human serum. Amit T, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):474–80
Plasma transport of human growth hormone in vivo. Baumann G, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):470–3
Perinatal growth hormone (GH) physiology: effect of GH–releasing factor on maternal and fetal secretion of pituitary and placental GH. de Zegher F, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):520–2
Clinical review 11: the rational use of growth hormone during childhood. Frasier SD, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):269–73 (12 ref.)
Growth hormone mediates the growth of T–lymphoblast cell lines via locally generated insulin–like growth factor–I. Geffner ME, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):464–9
Acute clonidine administration potentiates spontaneous diurnal, but not nocturnal, growth hormone secretion in normal short children. Ghigo E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):433–5
Dose–effect study of intranasal administration of growth hormone–releasing hormone–44–NH2 in healthy subjects. Khalfallah Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):512–5
Long term effect of incremental doses of the somatostatin analog SMS 201–995 in 58 acromegalic patients. French SMS 201–995 approximately equal to Acromegaly Study Group. Sassolas G, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):391–7
Effects of chronic growth hormone hypersecretion on intrinsic contractility, energetics, isomyosin pattern, and myosin adenosine triphosphatase activity of rat left ventricle. Timsit J, et al. **J Clin Invest** 1990 Aug; 86(2):507–15
Bovine somatotropin supplementation of dairy cows. Is the milk safe? [see comments] Daughaday WH, et al. **JAMA** 1990 Aug 22–29;264(8):1003–5. Comment in: JAMA 1990 Aug 22–29;264(8):1028.
Genetic engineering and the use of bovine somatotropin [editorial; comment] Grossman CJ. **JAMA** 1990 Aug 22–29; 264(8):1028. Comment on: JAMA 1990 Aug 22–29;264(8):1003–5.

SOMATOTROPIN RELEASING HORMONE

Growth hormone response to growth hormone–releasing hormone in schizophrenic patients. Mayerhoff DI, et al. **Am J Psychiatry** 1990 Aug;147(8):1072–4
Growth hormone–releasing hormone messenger ribonucleic acid in the hypothalamus of the adult male rat is increased by testosterone. Zeitler P, et al. **Endocrinology** 1990 Sep; 127(3):1362–8
Perinatal growth hormone (GH) physiology: effect of GH–releasing factor on maternal and fetal secretion of pituitary and placental GH. de Zegher F, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):520–2
Dose–effect study of intranasal administration of growth hormone–releasing hormone–44–NH2 in healthy subjects. Khalfallah Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):512–5

SORBITOL

Elicitation of sorbitol accumulation in cultured human proximal tubule cells by elevated glucose concentrations. Bylander JE, et al. **Diabetes** 1990 Aug;39(8):949–54

SOUND

The intrauterine sound environment of the human fetus during labor. Benzaquen S, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):484–90
Comparison of audible sound transmission with ultrasound in screening for congenital dislocation of the hip. Stone MH, et al. **Lancet** 1990 Aug 18;336(8712):421–2

SOYBEANS

Use of tofu in preschool meals. Ashraf HR, et al. **J Am Diet Assoc** 1990 Aug;90(8):1114–6

SPASM

Opisthotonus and other unusual neurological sequelae after outpatient anaesthesia. Saunders PR, et al. **Anaesthesia** 1990 Jul;45(7):552–7
Clinical neurophysiologic studies in stiff–man syndrome: use of simultaneous video–electroencephalographic–surface electromyographic recording. Armon C, et al. **Mayo Clin Proc** 1990 Jul;65(7):960–7

SPECIALISM

Subspecialization in radiology [Capp MP. **AJR Am J Roentgenol** 1990 Sep;155(3):451–4
Beyond the RD. Wellman NS, et al. **J Am Diet Assoc** 1990

Aug;90(8):1117-21

SPECIALTIES, MEDICAL

Attaining academic department status for emergency medicine within medical schools. Ling LJ. **Ann Emerg Med** 1990 Jul;19(7):793-6
Certification and recertification. A consumer's view. Glasser MA. **Clin Orthop** 1990 Aug;(257):38-42
Medical specialty credentialing in the United States. Langsley DG. **Clin Orthop** 1990 Aug;(257):22-8

SPECIMEN HANDLING

How sperm commence movement and their isolation for in vitro fertilization and sex selection [letter] Shettles LB. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270
Does delay in fixation affect the number of mitotic figures in processed tissue? Cross SS, et al. **J Clin Pathol** 1990 Jul;43(7):597-9
Reliability of conventional ear swabs in tubotympanic CSOM. Raju KG, et al. **J Laryngol Otol** 1990 Jun; 104(6):460-2

SPECTRIN

Two elliptocytogenic alpha I/74 variants of the spectrin alpha I domain. Spectrin Culoz (GGT——GTT; alpha I 40 Gly——Val) and spectrin Lyon (CTT——TTT; alpha I 43 Leu——Phe). Morlé L, et al. **J Clin Invest** 1990 Aug; 86(2):548-54

SPEECH

Otitis media in infancy and intellectual ability, school achievement, speech, and language at age 7 years. Greater Boston Otitis Media Study Group. Teele DW, et al. **J Infect Dis** 1990 Sep;162(3):685-94

SPEECH DISORDERS

Speech automatisms [letter] Arlt G, et al. **Neurology** 1990 Aug;40(8):1320

SPERM MOTILITY

How sperm commence movement and their isolation for in vitro fertilization and sex selection [letter] Shettles LB. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270

SPERM-OVUM INTERACTIONS

In vitro effect of RU 486 on sperm-egg interaction in mice. Juneja SC, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):216-21

SPERMATIC CORD

Paraganglioma of the spermatic cord. Report of a case with immunohistochemical and ultrastructural studies. Bacchi CE, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):899-901

SPERMATIC CORD TORSION

The effect of various degrees of unilateral spermatic cord torsion on fertility in the rat. Heindel RM, et al. **J Urol** 1990 Aug;144(2 Pt 1):366-9

SPERMATOCIDAL AGENTS

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510-4

SPERMATOGENESIS

Regulation of insulin-like growth factor I and stage-specific levels of epidermal growth factor in stage synchronized rat testes. Bartlett JM, et al. **Endocrinology** 1990 Aug; 127(2):747-58
Quantitative cytological studies of spermatogenesis in intact and hypophysectomized rats: identification of androgen-dependent stages. Sun YT, et al. **Endocrinology** 1990 Sep;127(3):1215-23

SPERMATOZOA

Antisperm antibodies in women undergoing intrauterine insemination. Goldberg JM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):65-8
Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Naz RK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):610-3
Dissimilar expression of axonemal anomalies in respiratory cilia and sperm flagella in infertile men. Escudier E, et al. **Am Rev Respir Dis** 1990 Sep;142(3):674-9

SPHINCTEROTOMY, TRANSHEPATIC

Gall bladder function after endoscopic sphincterotomy [letter] **BMJ** 1990 Jun 16;300(6739):1584-5

SPINA BIFIDA

The effect of adjusting maternal serum alpha-fetoprotein levels for maternal weight in pregnancies with fetal open spina bifida. A United States collaborative study. Johnson AM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):9-11
Occult spinal dysraphism: clinical and urodynamic outcome after division of the filum terminale. Khoury AE, et al. **J Urol** 1990 Aug;144(2 Pt 2):426-8; discussion 428-9, 443-4

SPINAL CANAL

The identification of the epidural space [letter] Robinson PN, et al. **Anaesthesia** 1990 Jun;45(6):498-9

SPINAL CORD

Neoplastic angioendotheliomatosis. Raroque HG Jr, et al. **Arch Neurol** 1990 Aug;47(8):929-30
Effect of bullet removal on subsequent pain in persons with spinal cord injury secondary to gunshot wound. Richards JS, et al. **J Neurosurg** 1990 Sep;73(3):401-4

SPINAL CORD COMPRESSION

Spinal tuberculosis with neurological deficit. Treatment with anterior vascularised rib grafts, posterior osteotomies and fusion. Louw JA. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):686-93
Spinal tuberculosis: beware the posterior elements. Travlos J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):722-3
Craniocervical decompression for cervicomedullary compression in pediatric patients with achondroplasia. Aryanpur J, et al. **J Neurosurg** 1990 Sep;73(3):375-82
Recovery of gait after radiotherapy in paralytic patients with metastatic epidural spinal cord compression. Helweg-Larsen S, et al. **Neurology** 1990 Aug;40(8):1234-6

SPINAL CORD DISEASES

HTLV-I-associated myelopathy [letter] Engel WK, et al. **N Engl J Med** 1990 Aug 23;323(8):552
Central cord syndrome due to a spontaneously regressive spinal subdural hematoma. Mavroudakis N, et al. **Neurology** 1990 Aug;40(8):1306-8

SPINAL CORD INJURIES

Intraoperative sonography of cervical spinal cord injury: results in 30 patients. Mirvis SE, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):603-9
Rehabilitation therapy for patients with long-term spinal cord injuries. Klose KJ, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):659-62
Blood flow in the gluteus maximus of seated individuals during electrical muscle stimulation. Levine SP, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):682-6
Benefits of early admission to a comprehensive trauma center for patients with spinal cord injury. Oakes DD, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):637-43
Clinical evaluation of custom-contoured cushions for the spinal cord injured. Sprigle SH, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):655-8
Respiratory problems of air travel in patients with spinal cord injuries. Armitage JM, et al. **BMJ** 1990 Jun 9; 300(6738):1498-9
Control of defecation in patients with spinal injuries by stimulation of sacral anterior nerve roots. MacDonagh RP, et al. **BMJ** 1990 Jun 9;300(6738):1494-7
ABC of major trauma. Trauma of the spine and spinal cord—I. Swain A, et al. **BMJ** 1990 Jul 7;301(6742):34-8 (0 ref.)
Effect of bullet removal on subsequent pain in persons with spinal cord injury secondary to gunshot wound. Richards JS, et al. **J Neurosurg** 1990 Sep;73(3):401-4
Penile advancement and lengthening in spinal cord injury patients with retracted phallus who have failed penile prosthesis placement alone. Kabalin JN, et al. **J Urol** 1990 Aug;144(2 Pt 1):316-8
Steroids after spinal cord injury. **Lancet** 1990 Aug 4; 336(8710):279-80 (25 ref.)
Cervical fractures and spinal cord injury: outcome of surgical and nonsurgical management. Murphy KP, et al. **Mayo Clin Proc** 1990 Jul;65(7):949-59

SPINAL CORD NEOPLASMS

Low back pain as the presenting symptom of metastatic angiosarcoma. Braker A, et al. **Am J Phys Med Rehabil** 1990 Aug;69(4):180-3
Leptomyelolipoma: analysis of 20 cases. Harrison MJ, et al. **J Neurosurg** 1990 Sep;73(3):360-7
Recovery of gait after radiotherapy in paralytic patients with metastatic epidural spinal cord compression. Helweg-Larsen S, et al. **Neurology** 1990 Aug;40(8):1234-6

SPINAL DISEASES

Imaging of the facet joints. Dussault RG, et al. **Radiol Clin North Am** 1990 Sep;28(5):1033-53 (124 ref.)

SPINAL FUSION

Occipitocervical fusion for reduction of traumatic periodontoid hypertrophic cicatrix. Case report. Lansen TA, et al. **J Neurosurg** 1990 Sep;73(3):466-70
Halo immobilization and surgical fusion: relative indications and effectiveness in the treatment of 140 cervical spine injuries. Rockswold GL, et al. **J Trauma** 1990 Jul; 30(7):893-8
The role of desmopressin in reducing blood loss during lumbar fusions. Johnson RG, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):223-6

SPINAL INJURIES

ABC of major trauma. Trauma of the spine and spinal cord—I. Swain A, et al. **BMJ** 1990 Jul 7;301(6742):34-8 (0 ref.)
Halo immobilization and surgical fusion: relative indications and effectiveness in the treatment of 140 cervical spine injuries. Rockswold GL, et al. **J Trauma** 1990 Jul; 30(7):893-8
Imaging of the facet joints. Dussault RG, et al. **Radiol Clin North Am** 1990 Sep;28(5):1033-53 (124 ref.)

SPINAL NEOPLASMS

Malignant jugulotympanic paraganglioma. Johnstone PA, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):976-9
Giant-cell tumor of the spine. A case report. Biagini R, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1102-7
Pleural-subarachnoid fistula detected by radionuclide myelography. Hernigou P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):727-8
Vascular metastatic lesions of the spine: preoperative embolization. Gellad FE, et al. **Radiology** 1990 Sep; 176(3):683-6

SPINAL NERVE ROOTS

Control of defecation in patients with spinal injuries by stimulation of sacral anterior nerve roots. MacDonagh RP, et al. **BMJ** 1990 Jun 9;300(6738):1494-7

SPINAL NERVES

NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. Kordower JH, et al. **J Neurosurg** 1990 Sep;73(3):418-28
Demyelinating changes in sural nerve biopsy of patients with HTLV-I-associated myelopathy. Sugimura K, et al. **Neurology** 1990 Aug;40(8):1263-6

SPINAL OSTEOPHYTOSIS

Transcervical approaches to the prevertebral space. Carrau RL, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1070-3 (18 ref.)

SPINAL PUNCTURE

Postspinal headache [letter] Fink BR. **Anesth Analg** 1990 Aug;71(2):208-9

SPIROMETRY

Measuring peak expiratory flow in general practice: comparison of mini Wright peak flow meter and turbine spirometer. Jones KP, et al. **BMJ** 1990 Jun 23; 300(6740):1629-31
Long-term reproducibility of tests of small airways function. Comparisons with spirometry. Vollmer WM, et al. **Chest** 1990 Aug;98(2):303-7

SPLANCHNIC NERVES

Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Bornstein SR, et al. **Endocrinology** 1990 Aug;127(2):900-6

SPLEEN

Functional and phenotypic characteristics of recombinant interleukin-2 or T-cell growth factor-activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Ebihara T, et al. **Cancer** 1990 Sep 1;66(5):923-9
Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Hatamori N, et al. **Diabetes** 1990 Sep;39(9):1070-8
Preferential localisation of human lymphocytes bearing gamma delta T cell receptors to the red pulp of the spleen. Bordessoule D, et al. **J Clin Pathol** 1990 Jun;43(6):461-4
Effect of long-term treatment with platelet-activating factor on IL-1 and IL-2 production by rat spleen cells. Pignol B, et al. **J Immunol** 1990 Aug 1;145(3):980-4
Long-term management of splenic sequestration in children with sickle cell disease. Kinney TR, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):194-9
Fibrin glue as a hemostatic agent in hepatic and splenic trauma. Ochsner MG, et al. **J Trauma** 1990 Jul;30(7):884-7
Changes in splenic size after abdominal trauma. Goodman LR, et al. **Radiology** 1990 Sep;176(3):629-32

SPLENECTOMY

Coronary artery bypass grafting without splenectomy [letter] Bowman GA. **Ann Thorac Surg** 1990 Aug;50(2):330–1
Giant molluscum contagiosum following splenectomy [letter] Linberg JV, et al. **Arch Ophthalmol** 1990 Aug;108(8):1076
Protective effect of recombinant human granulocyte colony-stimulating factor against pneumococcal infections in splenectomized mice. Hebert JC, et al. **Arch Surg** 1990 Aug;125(8):1075–8
Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809–10
Long-term management of splenic sequestration in children with sickle cell disease. Kinney TR, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):194–9

SPLENIC DISEASES

Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Bardeguez A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):42–5
Fibrinolysis and the bleeding tendency in patients with hepatosplenic schistosomiasis. Omran SA, et al. **J Clin Pathol** 1990 Jun;43(6):476–8

SPLENIC NEOPLASMS

Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Bardeguez A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):42–5

SPLINTS

Necrosis of the skin over the metacarpal as a result of functional fracture-bracing [letter] Harvie KW. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1114–5

SPONDYLITIS, ANKYLOSING

Ankylosing spondylitis in aborigines (guanches) of the Canary Islands [letter] González T, et al. **Arthritis Rheum** 1990 Aug;33(8):1294–5
Discovertebral destruction in ankylosing spondylitis: the role of computed tomography and magnetic resonance imaging. Kenny JB, et al. **Br J Radiol** 1990 Jun;63(750):448–55
Cauda equina syndrome of long-standing ankylosing spondylitis. Case report and review of the literature. Tullous MW, et al. **J Neurosurg** 1990 Sep;73(3):441–7 (38 ref.)

SPONDYLOLISTHESIS

Treatment of severe spondylolisthesis by anterior and posterior reduction and stabilization. A long-term follow-up study. Bradford DS, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1060–6

SPOROZOA

Isolation of a microsporidian from a human patient. Shadduck JA, et al. **J Infect Dis** 1990 Sep;162(3):773–6

SPORTS

The preparticipation physical examination for sports. Tanji JL. **Am Fam Physician** 1990 Aug;42(2):397–402 (19 ref.)

SPOUSE ABUSE

NB physicians sent hard-hitting discussion paper on wife abuse. Sullivan P. **Can Med Assoc J** 1990 Aug 1; 143(3):218–9
Domestic violence begets other problems of which physicians must be aware to be effective [news] Randall T. **JAMA** 1990 Aug 22–29;264(8):940, 943–4
Domestic violence intervention calls for more than treating injuries [news] Randall T. **JAMA** 1990 Aug 22–29; 264(8):939–40

SRS-A

Role of leukotriene D4 in the early and late pulmonary responses of rats to allergen challenge. Sapienza S, et al. **Am Rev Respir Dis** 1990 Aug;142(2):353–8
Urinary leukotriene E4 levels during early and late asthmatic responses. Manning PJ, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):211–20

STANOLONE

Variable expression of 5 alpha-reductase deficiency: presentation with male phenotype in a child of Greek origin. Carpenter TO, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):318–22
Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. Nakhla AM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):398–404

STAPES SURGERY

Predicting binaural hearing after stapedectomy from presurgery results. Hall JW 3d, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):946–50

STAPHYLOCOCCAL INFECTIONS

Staphylococcus aureus bacteremia in patients with Hickman catheters. Dugdale DC, et al. **Am J Med** 1990 Aug; 89(2):137–41
The toxic shock syndrome [letter] Higgins SP, et al. **BMJ** 1990 Jun 9;300(6738):1523
Infection of the infrapatellar bursa. A report of two cases. Waters P, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):1095–6
Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705–10
Antibody to the capsular polysaccharide/adhesin protects rabbits against catheter-related bacteremia due to coagulase-negative staphylococci. Kojima Y, et al. **J Infect Dis** 1990 Aug;162(2):435–41
Characterization of a widespread strain of methicillin-susceptible Staphylococcus aureus associated with nosocomial infections. McMurray LW, et al. **J Infect Dis** 1990 Sep;162(3):759–62
Fatal Staphylococcus saprophyticus native valve endocarditis in an intravenous drug addict [letter] Singh VR, et al. **J Infect Dis** 1990 Sep;162(3):783–4
Causes of staphylococcal toxic shock syndrome [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):348–9
Preliminary report: furunculosis and hypoferraemia. Weijmer MC, et al. **Lancet** 1990 Aug 25;336(8713):464–6
Infections related to central venous catheters. Corona ML, et al. **Mayo Clin Proc** 1990 Jul;65(7):979–86 (31 ref.)

STAPHYLOCOCCAL SKIN INFECTIONS

Toxic epidermal necrolysis—a premature requiem? [editorial] **Lancet** 1990 Jul 28;336(8709):218–9

STAPHYLOCOCCUS

Fatal Staphylococcus saprophyticus native valve endocarditis in an intravenous drug addict [letter] Singh VR, et al. **J Infect Dis** 1990 Sep;162(3):783–4

STAPHYLOCOCCUS AUREUS

Potential bacterial contamination in fluorescein-anesthetic solutions. Duffner LR, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):199–202
Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. Chambers HF, et al. **J Infect Dis** 1990 Sep;162(3):705–10
Characterization of a widespread strain of methicillin-susceptible Staphylococcus aureus associated with nosocomial infections. McMurray LW, et al. **J Infect Dis** 1990 Sep;162(3):759–62

STAPHYLOCOCCUS EPIDERMIDIS

Antibody to the capsular polysaccharide/adhesin protects rabbits against catheter-related bacteremia due to coagulase-negative staphylococci. Kojima Y, et al. **J Infect Dis** 1990 Aug;162(2):435–41

STARCH

Prospective randomized controlled trial of hepatic arterial embolization or infusion chemotherapy with 5-fluorouracil and degradable starch microspheres for colorectal liver metastases. Hunt TM, et al. **Br J Surg** 1990 Jul;77(7):779–82

STATE HEALTH PLANS

Universal New York Health Care. A single-payer strategy linking cost control and universal access. Beauchamp DE, et al. **N Engl J Med** 1990 Sep 6;323(10):640–4

STATE MEDICINE

Children's services in the new NHS—a struggle for survival? Appleyard WJ. **Arch Dis Child** 1990 Jun;65(6):635–7
Pay and conditions for NHS staff [editorial] Dyson R. **BMJ** 1990 Jun 16;300(6739):1535–6
Inspecting the NHS [editorial] Groves T. **BMJ** 1990 Jun 23; 300(6740):1601
Looking after consumers in the new NHS. Klein R. **BMJ** 1990 May 26;300(6736):1351–2
Organisation of audit in North Derbyshire District Health Authority. McConnachie RW. **BMJ** 1990 Jun 16; 300(6739):1566–8
Nurses: the point of no return [editorial] Salvage J. **BMJ** 1990 Jun 9;300(6738):1478
Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the private sector. Shanks JM. **J Clin Pathol** 1990 Jul; 43(7):525–6
Financing medical care in the new Soviet economy. Robbins A, et al. **JAMA** 1990 Sep 5;264(9):1097–8

STATISTICS

Research in physical medicine and rehabilitation. IX. Primary data analysis. Findley TW. **Am J Phys Med Rehabil** 1990 Aug;69(4):209–18 (27 ref.)
Too Eger to use standard error? [letter] Goodman N. **Anesth Analg** 1990 Aug;71(2):209–10
Introduction to biostatistics: Part 4, statistical inference techniques in hypothesis testing. Gaddis GM, et al. **Ann Emerg Med** 1990 Jul;19(7):820–5
Statistical analysis of repeated measures in psychiatric research [see comments] Ekstrom D, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):770–2. Comment in: Arch Gen Psychiatry 1990 Aug;47(8):775–8.
A comment on the selection of 'healthy controls' for psychiatric experiments [letter] Gibbons RD, et al. **Arch Gen Psychiatry** 1990 Aug;47(8):785–6
CCCVA, MANOVA, my black hen. Comments on repeated measures [comment] Lavori P. **Arch Gen Psychiatry** 1990 Aug;47(8):775–8. Comment on: Arch Gen Psychiatry 1990 Aug;47(8):770–2.
Statistical approaches to classification. Methods for developing classification and other criteria rules. Bloch DA, et al. **Arthritis Rheum** 1990 Aug;33(8):1137–44

STATUS EPILEPTICUS

Status epilepticus in adults. Brodie MJ. **Lancet** 1990 Sep 1; 336(8714):551–2

STENTS

Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Bartley GB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1074
Treatment of severe bronchomalacia with expanding endobronchial stents. Mair EA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1087–90
Heparin-resistant thrombus formation by endovascular stents in baboons. Interruption by a synthetic antithrombin. Krpski WC, et al. **Circulation** 1990 Aug;82(2):570–7
Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Rodgers GP, et al. **Circulation** 1990 Aug;82(2):560–9
Clogging of biliary endoprostheses: a new perspective. Coene PP, et al. **Gut** 1990 Aug;31(8):913–7
Clinical and angiographic results of balloon-expandable intracoronary stents in right coronary artery stenoses. Levine MJ, et al. **J Am Coll Cardiol** 1990 Aug;16(2):332–9
Hepatic inferior vena cava obstruction: treatment of two types with Gianturco expandable metallic stents [see comments] Furui S, et al. **Radiology** 1990 Sep;176(3):665–70 . Comment in: Radiology 1990 Sep;176(3):620–1.
Percutaneous transcatheter stent placement [editorial; comment] Wright KC. **Radiology** 1990 Sep;176(3):620–1. Comment on: Radiology 1990 Sep;176(3):665–70.

STEREOTAXIC TECHNICS

Stereotactic radiosurgery for acoustic neuromas. Lunsford LD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):907–9 (9 ref.)
Stereotactic resection of intra-axial cerebral lesions in partial epilepsy [see comments] Cascino GD, et al. **Mayo Clin Proc** 1990 Aug;65(8):1053–60. Comment in: Mayo Clin Proc 1990 Aug;65(8):1150–1.
Stereotactic surgical treatment of epilepsy [editorial; comment] Grossman RG. **Mayo Clin Proc** 1990 Aug; 65(8):1150–1. Comment on: Mayo Clin Proc 1990 Aug;65(8):1053–60.

STERILIZATION

Creutzfeldt-Jakob disease [letter] Gasser G. **BMJ** 1990 Jun 9;300(6738):1523
Decontamination of instruments and control of cross infection in general practice. Morgan DR, et al. **BMJ** 1990 May 26;300(6736):1379–80
Elimination of high titre HIV from fibreoptic endoscopes. Hanson PJ, et al. **Gut** 1990 Jun;31(6):657–9

STERILIZATION, SEXUAL

Necrotizing fasciitis of the total abdominal wall after sterilization by partial salpingectomy. Case report and review of literature. Cederna JP, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):138–9 (18 ref.)

STERILIZATION, TUBAL

Gross and histologic examination of tubal ligation failures in a residency training program. Stovall TG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):461–5

STERNOCLAVICULAR JOINT

Sternocleidomastoid tumor of infancy [letter] Mukamel M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):678

STERNUM

Inadequate flow of the internal mammary artery: another complication of sternal overretraction [letter] Jebara VA,

et al. **Ann Thorac Surg** 1990 Aug;50(2):336–7
Determinants of pulmonary function in patients undergoing coronary bypass operations. Shapira N, et al. **Ann Thorac Surg** 1990 Aug;50(2):268–73
Sternotomy infections in infants [letter] Stahl RS, et al. **Ann Thorac Surg** 1990 Aug;50(2):337

STEROID HYDROXYLASES

Abnormal parathyroid hormone-related peptide stimulation of renal 25-hydroxyvitamin D-1-hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Nesbitt T, et al. **Endocrinology** 1990 Aug;127(2):843–8
Generation of regulatory oxysterols: 26-hydroxylation of cholesterol by ovarian mitochondria. Rennert H, et al. **Endocrinology** 1990 Aug;127(2):738–46
A case of male pseudohermaphroditism due to 17 alpha-hydroxylase deficiency and hormonal profiles in the nuclear family. Rohmer V, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):523–9
Assessment of the one hour adrenocorticotrophic hormone test in the diagnosis of attenuated 21-hydroxylase deficiency. Innanen VT, et al. **J Clin Pathol** 1990 Jun; 43(6):493–5

STEROIDS

The placental transfer of mifepristone (RU 486) during the second trimester and its influence upon maternal and fetal steroid concentrations. Hill NC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):406–11
Endogenous steroids and pathogenesis of hepatic encephalopathy [letter] Zaman SH. **Lancet** 1990 Sep 1; 336(8714):573–4

STEROIDS, FLUORINATED

Acroatrophy secondary to long-standing applications of topical steroids. Requena L, et al. **Arch Dermatol** 1990 Aug; 126(8):1013–4

STEROLS

Generation of regulatory oxysterols: 26-hydroxylation of cholesterol by ovarian mitochondria. Rennert H, et al. **Endocrinology** 1990 Aug;127(2):738–46

STEVENS-JOHNSON SYNDROME

Erythema multiforme and Stevens-Johnson syndrome. Descriptive and therapeutic controversy. Patterson R, et al. **Chest** 1990 Aug;98(2):331–6 (15 ref.)
Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Cavanzo FJ, et al. **Gastroenterology** 1990 Sep;99(3):854–6

STOMACH

Complete foregut duplication. Dresler CM, et al. **Ann Thorac Surg** 1990 Aug;50(2):306–8
Clinical use of 24-hour gastric pH monitoring vs o-diisopropyl iminodiacetic acid (DISIDA) scanning in the diagnosis of pathologic duodenogastric reflux. Stein HJ, et al. **Arch Surg** 1990 Aug;125(8):966–70; discussion 970–1
A simple method to detect Helicobacter pylori in gastric specimens. Schneider RE, et al. **BMJ** 1990 Jun 16; 300(6739):1559
Experimental colonic carcinogenesis after gastric surgery. Houghton PW, et al. **Br J Surg** 1990 Jul;77(7):774–8
Single layer anastomosis in the upper gastrointestinal tract. Irwin ST, et al. **Br J Surg** 1990 Jun;77(6):643–4
Effects of highly selective vagotomy on gastric myoelectrical activity. An electrogastrographic study. Geldof H, et al. **Dig Dis Sci** 1990 Aug;35(8):969–75
Ambulatory 24-hr pH monitoring of esophagus, fundus, and antrum. A new technique for simultaneous study of gastroesophageal and duodenogastric reflux. Mattioli S, et al. **Dig Dis Sci** 1990 Aug;35(8):929–38
Delayed stomach to caecum transit time in the diabetic rat. Possible role of hyperglucagonaemia. Chesta J, et al. **Gut** 1990 Jun;31(6):660–2
Immunocytochemical detection of Helicobacter pylori in formalin fixed tissue biopsy specimens [letter] Cartun RW, et al. **J Clin Pathol** 1990 Jun;43(6):518
Relation between severity and extent of precancerous lesions in the postoperative stomach. Savalgi RS, et al. **Lancet** 1990 Aug 18;336(8712):413–6

STOMACH DILATATION

Dramatic electrocardiographic T-wave changes associated with gastric dilatation. Frais MA, et al. **Chest** 1990 Aug; 98(2):489–90

STOMACH NEOPLASMS

Risk of cancer in patients with gastric dysplasia. Follow-up study of 67 patients. Coma del Corral MJ, et al. **Cancer** 1990 May 1;65(9):2078–85
Functional and phenotypic characteristics of recombinant interleukin-2 or T-cell growth factor-activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Ebihara T, et al. **Cancer** 1990 Sep 1;66(5):923–9
A comparison of patterns of metastasis in gastric cancer by histologic type and age. Esaki Y, et al. **Cancer** 1990 May 1;65(9):2086–90
Clinical and pathologic features of primary gastric rhabdomyosarcoma. Fox KR, et al. **Cancer** 1990 Aug 15; 66(4):772–8 (22 ref.)
Sulphomucin-secreting intestinal metaplasia in the human gastric mucosa. An association with intestinal-type gastric carcinoma. Matsukuma A, et al. **Cancer** 1990 Aug 15; 66(4):689–94
Medullary carcinoma with lymphocytic infiltration of the stomach. Clinicopathologic study of 27 cases and immunohistochemical analysis of the subpopulations of infiltrating lymphocytes in the tumor. Minamoto T, et al. **Cancer** 1990 Sep 1;66(5):945–52
Immunohistochemical study of epidermal growth factor and epidermal growth factor receptor in gastric carcinomas [letter] Ohshio G, et al. **Cancer** 1990 May 1;65(9):2102
A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Windschitl HE, et al. **Cancer** 1990 Sep 1;66(5):853–6
Distribution of beta-human chorionic gonadotropin-positive cells in noncancerous gastric mucosa and in malignant gastric tumors. Yakeishi Y, et al. **Cancer** 1990 Aug 15; 66(4):695–701
Relation between severity and extent of precancerous lesions in the postoperative stomach. Savalgi RS, et al. **Lancet** 1990 Aug 18;336(8712):413–6

STOMACH ULCER

Late outcome of undersewing alone for gastric ulcer haemorrhage. Teenan RP, et al. **Br J Surg** 1990 Jul; 77(7):811–2
Abstracts of the Second International Symposium on Experimental and New Therapeutic Approaches to Ulcer Disease. A satellite meeting of the 11th International Congress of Pharmacology. July 10–12, 1990, Pécs, Hungary. **Dig Dis Sci** 1990 Aug;35(8):1025–44
The pathophysiologic role of nocturnal acid secretion in gastric ulcers [letter] Savarino V, et al. **Gastroenterology** 1990 Sep;99(3):901–2
Double blind comparative study of omeprazole and ranitidine in patients with duodenal or gastric ulcer: a multicentre trial. Cooperative study group. **Gut** 1990 Jun;31(6):653–6
Age of onset of symptoms in duodenal and gastric ulcer. Kang JY. **Gut** 1990 Aug;31(8):854–7
Thrombolytic therapy in suspected myocardial infarction [letter] Base W, et al. **Lancet** 1990 Aug 4;336(8710):311

STOMATITIS

Systemic toxicity following intracavitary administration of bleomycin. Siegel RD, et al. **Chest** 1990 Aug;98(2):507

STREPTOCOCCAL INFECTIONS

Invasive disease due to multiply resistant Streptococcus pneumoniae in a Houston, Tex, day-care center. Rauch AM, et al. **Am J Dis Child** 1990 Aug;144(8):923–7
Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization. Silver HM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):19–25
Cost-effectiveness of intrapartum screening and treatment for maternal group B streptococci colonization. Strickland DM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):4–8
Pathogenicity of the enterococcus in surgical infections. Barie PS, et al. **Ann Surg** 1990 Aug;212(2):155–9 (76 ref.)
Effects of a rapid antigen test for group A streptococcal pharyngitis on physician prescribing and antibiotic costs. Meier FA, et al. **Arch Intern Med** 1990 Aug; 150(8):1696–700
Diagnosis of group A beta-hemolytic Streptococcus using clinical scoring criteria, Directigen 1-2-3 group A streptococcal test, and culture. Reed BD, et al. **Arch Intern Med** 1990 Aug;150(8):1727–32
Infection of the infrapatellar bursa. A report of two cases. Waters P, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):1095–6
Cerebral botryomycosis: case study. Gillock CB, et al. **J Infect Dis** 1990 Sep;162(3):765–7
Population-based risk factors for neonatal group B streptococcal disease: results of a cohort study in metropolitan Atlanta. Schuchat A, et al. **J Infect Dis** 1990 Sep;162(3):672–7
Pathogenesis of meningitis caused by Streptococcus suis type 2. Williams AE, et al. **J Infect Dis** 1990 Aug;162(2):474–81
Severe streptococcal axillary lymphadenitis. Boyce JM. **N Engl J Med** 1990 Sep 6;323(10):655–8
Maternal group B streptococcal vertebral osteomyelitis: an unusual complication of vaginal delivery. Lischke JH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):489–91
New colorimetric test for rapid diagnosis of streptococcal pharyngitis: a warning. Gerber MA, et al. **Pediatrics** 1990 Sep;86(3):457–9
Pneumococcal bacteremia as a marker for human immunodeficiency virus infection in patients without AIDS. Chirurgi VA, et al. **South Med J** 1990 Aug; 83(8):895–9

STREPTOCOCCUS AGALACTIAE

Role of complement receptors in opsonophagocytosis of group B streptococci by adult and neonatal neutrophils. Smith CL, et al. **J Infect Dis** 1990 Aug;162(2):489–95

STREPTOCOCCUS PNEUMONIAE

Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809–10
IgG subclass response and opsonization of Streptococcus pneumoniae after vaccination of healthy adults. Bardardottir E, et al. **J Infect Dis** 1990 Aug;162(2):482–8
Pneumococcal immunization: from policy to practice [editorial; comment] Schwartz B, et al. **JAMA** 1990 Sep 5;264(9):1154–5. Comment on: JAMA 1990 Sep 5;264(9):1117–22.
Pneumococcal bacteremia as a marker for human immunodeficiency virus infection in patients without AIDS. Chirurgi VA, et al. **South Med J** 1990 Aug; 83(8):895–9

STREPTOCOCCUS PYOGENES

Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. Bessen D, et al. **J Immunol** 1990 Aug 15;145(4):1251–6
Idiotope structure and genetic diversity in anti-streptococcal group A carbohydrate antibodies. Phillips NJ, et al. **J Immunol** 1990 Aug 1;145(3):915–24

STREPTOKINASE

ECG and enzymatic indicators of therapeutic success after intravenous streptokinase for acute myocardial infarction. Clemmensen P, et al. **Am Heart J** 1990 Sep;120(3):503–9
Threatened reinfarction. Effective therapy using streptokinase with reversal of cardiogenic shock. Andrews WR, et al. **Chest** 1990 Aug;98(2):495–7
Cardiac rupture, mortality and the timing of thrombolytic therapy: a meta-analysis. Honan MB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):359–67
Reinfarction after thrombolytic therapy for acute myocardial infarction followed by conservative management: incidence and effect of smoking. Rivers JT, et al. **J Am Coll Cardiol** 1990 Aug;16(2):340–8
Cardiac rupture and fibrinolytic therapy [letter] Rogers TK, et al. **Lancet** 1990 Jul 28;336(8709):259–60
Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Van Woert JH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1144–9

STRESS

The metabolic response to stress: an overview and update. Weissman C. **Anesthesiology** 1990 Aug;73(2):308–27 (292 ref.)
Psychological symptoms in primary fibromyalgia syndrome: relationship to pain, life stress, and sleep disturbance. Uveges JM, et al. **Arthritis Rheum** 1990 Aug;33(8):1279–83
Relationship of visceral proteins to nutritional status in chronic and acute stress [letter] Sherman BW, et al. **Crit Care Med** 1990 Aug;18(8):898–9

STRESS DISORDERS, POST-TRAUMATIC

Further thoughts on self-mutilation following trauma [letter] Feldman TB. **Am J Psychiatry** 1990 Aug;147(8):1105–6
Role of anger in posttraumatic stress [letter] Norman EC. **Am J Psychiatry** 1990 Sep;147(9):1253
Failure to detect fabricated posttraumatic stress disorder with the use of the MMPI in a clinical population. Perconte ST, et al. **Am J Psychiatry** 1990 Aug;147(8):1057–60
Acquired hearing impairment and psychiatric disorder amongst Australian Vietnam veterans [letter] Ben-Tovim DI, et al. **Lancet** 1990 Aug 4;336(8710):324

STRESS, MECHANICAL

Talar shift. The stabilizing role of the medial, lateral, and posterior ankle structures. Harper MC. **Clin Orthop** 1990 Aug;(257):177–83
Torsional strength of the ankle in vitro [letter] Manoli A 2d. **Clin Orthop** 1990 Aug;(257):310–1

STRESS, PSYCHOLOGICAL

Effects of nifedipine SR and enalapril on office, home and ambulatory blood pressure in "white-coat" systemic hypertension. Ashida T, et al. **Am J Cardiol** 1990 Aug 15; 66(4):498–501
The eighty-hour workweek. Residency friend or foe? [editorial] Bedrick AD. **Am J Dis Child** 1990 Aug; 144(8):857
Alexithymic features in relation to the dexamethasone suppression test in a Finnish population sample. Lindholm T, et al. **Am J Psychiatry** 1990 Sep;147(9):1216–9
Psychological stress-induced modulation of interleukin 2 receptor gene expression and interleukin 2 production in peripheral blood leukocytes. Glaser R, et al.

Arch Gen Psychiatry 1990 Aug;47(8):707–12
Mental stress and gastric acid secretion. Do personality traits influence the response? Holtmann G, et al. **Dig Dis Sci** 1990 Aug;35(8):998–1007

STROKE VOLUME

Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Pagel PS, et al. **Anesthesiology** 1990 Aug; 73(2):278–90
Pressure-volume analysis as a method for quantifying simultaneous drug (amrinone) effects on arterial load and contractile state in vivo. Kass DA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):726–32
Augmentation of mortality risk discriminating power of left ventricular ejection fraction by measures of nonuniformity in systolic emptying on radionuclide ventriculography. Weissler AM, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):387–95

STRONGYLOIDIASIS

Strongyloides stercoralis. The cause of an urticarial-like eruption of 65 years' duration. Leighton PM, et al. **Arch Intern Med** 1990 Aug;150(8):1747–8

STRUMA OVARII

Malignant struma ovarii: presentation and management. O'Connell ME, et al. **Br J Radiol** 1990 May;63(749):360–3

STUDENT HEALTH SERVICES

College health services as a site for ambulatory care training of residents and medical students. Chuck JM, et al. **Acad Med** 1990 Aug;65(8):527–9

STUDENTS

Drug use and life style among college undergraduates in 1989: a comparison with 1969 and 1978. Pope HG Jr, et al. **Am J Psychiatry** 1990 Aug;147(8):998–1001
A cross-sectional study of herpes simplex virus types 1 and 2 in college students: occurrence and determinants of infection. Gibson JJ, et al. **J Infect Dis** 1990 Aug; 162(2):306–12

STUDENTS, MEDICAL

A cholesterol screening and health assessment of medical students. Girard J, et al. **Acad Med** 1990 Jun;65(6):422
Assessing learning-style inventories and how well they predict academic performance. Leiden LI, et al. **Acad Med** 1990 Jun;65(6):395–401
The influence of applicants' gender on medical school interviews. Marquart JA, et al. **Acad Med** 1990 Jun; 65(6):410–1
An experiential training program and medical students' attitudes toward patients with chemical dependency. Oldham SB, et al. **Acad Med** 1990 Jun;65(6):421–2
Cope in office. Solomon T. **BMJ** 1990 Jul 7;301(6742):32–3
Don't stick me, but don't take all day. **JAMA** 1990 Sep 5; 264(9):1191
Risks of HIV exposure to medical students and health care personnel [editorial] Hermann RC. **JAMA** 1990 Sep 5; 264(9):1187
Percutaneous exposure of medical students to HIV. Jones DB. **JAMA** 1990 Sep 5;264(9):1188, 1190
The prevention of hepatitis B in medical students [letter] Kuvin JT. **JAMA** 1990 Sep 5;264(9):1104–5
Student evaluation in obstetrics and gynecology: self- versus departmental assessment. Herbert WN, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):458–61

STUDENTS, PREMEDICAL

Revitalizing the undergraduate college—medical school linkage [letter] Thomson WA, et al. **Acad Med** 1990 Aug; 65(8):522

SUBARACHNOID HEMORRHAGE

Impaired capillary perfusion and brain edema following experimental subarachnoid hemorrhage: a morphometric study. Johshita H, et al. **J Neurosurg** 1990 Sep;73(3):410–7
Central cord syndrome due to a spontaneously regressive spinal subdural hematoma. Mavroudakis N, et al. **Neurology** 1990 Aug;40(8):1306–8

SUBARACHNOID SPACE

Pleural-subarachnoid fistula detected by radionuclide myelography. Hernigou P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):727–8

SUBCLAVIAN ARTERY

Internal jugular catheterisation. Case report of a potentially fatal hazard. Powell H, et al. **Anaesthesia** 1990 Jun; 45(6):458–9
Postoperative evaluation after end-to-end subclavian-left coronary artery anastomosis in anomalous left coronary artery. Montigny M, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):270–3

SUBCLAVIAN VEIN

Upper extremity venous thrombosis diagnosed by duplex scanning. Kerr TM, et al. **Am J Surg** 1990 Aug;160(2):202–6
Arteriovenous fistula in the presence of subclavian vein thrombosis: a serious complication. Kahn D, et al. **Br J Surg** 1990 Jun;77(6):682
Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Van Woert JH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1144–9

SUBLINGUAL GLAND

Effect of sialoadenectomy on gastric mucosal integrity and growth in the rat. A time-course study. Tepperman BL, et al. **Dig Dis Sci** 1990 Aug;35(8):943–9

SUBMANDIBULAR GLAND

Effect of sialoadenectomy on gastric mucosal integrity and growth in the rat. A time-course study. Tepperman BL, et al. **Dig Dis Sci** 1990 Aug;35(8):943–9

SUBSTANCE ABUSE

Cocaine-related maternal death. Burkett G, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):40–1
Rupture of unscarred uterus in primigravid woman in association with cocaine abuse. Gonsoulin W, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):526–7
The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Minkoff HL, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):521–6
Cocaine abuse among schizophrenic patients. Brady K, et al. **Am J Psychiatry** 1990 Sep;147(9):1164–7
Substance use in borderline personality disorder. Dulit RA, et al. **Am J Psychiatry** 1990 Aug;147(8):1002–7
Drug use and life style among college undergraduates in 1989: a comparison with 1969 and 1978. Pope HG Jr, et al. **Am J Psychiatry** 1990 Aug;147(8):998–1001
Crack lung: an acute pulmonary syndrome with a spectrum of clinical and histopathologic findings. Forrester JM, et al. **Am Rev Respir Dis** 1990 Aug;142(2):462–7
Increase in deaths from deliberate inhalation of fuel gases and pressurised aerosols [letter] Anderson HR. **BMJ** 1990 Jul 7;301(6742):41
Epidemiological analysis of alcohol and drug use as risk factors for psychotic experiences. Tien AY, et al. **J Nerv Ment Dis** 1990 Aug;178(8):473–80
Toluene dementia [letter] Gospe SM Jr. **Neurology** 1990 Aug; 40(8):1320–1
Substance abuse and child abuse. Impact of addiction on the child. Bays J. **Pediatr Clin North Am** 1990 Aug; 37(4):881–904 (87 ref.)
Perinatal drug abuse [letter] **Pediatrics** 1990 Sep;86(3):492–4
The cocaine user: the potential problem patient for rhinoplasty. Slavin SA, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):436–42
Stroke from alcohol and drug abuse. A current social peril. Gorelick PB. **Postgrad Med** 1990 Aug;88(2):171–4, 177–8 (21 ref.)
Cerebral abnormalities in cocaine abusers: demonstration by SPECT perfusion brain scintigraphy. Work in progress. Tumeh SS, et al. **Radiology** 1990 Sep;176(3):821–4
Cocaine in the cradle: a hidden epidemic. Giacoia GP. **South Med J** 1990 Aug;83(8):947–51 (38 ref.)

SUBSTANCE ABUSE DETECTION

Benzodiazepines in a health-catalog product [letter] DuPont RL, et al. **JAMA** 1990 Aug 8;264(6):695
From the Office of the General Counsel. Drug testing of physicians. Orentlicher D. **JAMA** 1990 Aug 22–29; 264(8):1039–40

SUBSTANCE ABUSE, INTRAVENOUS

Demographic characteristics, risk behaviors, and HIV seroprevalence among intravenous drug users by site of contact: results from a community-wide HIV surveillance project. McCusker J, et al. **Am J Public Health** 1990 Sep; 80(9):1062–7
Risk behaviours for HIV infection among drug users in prison. Carvell AL, et al. **BMJ** 1990 May 26; 300(6736):1383–4
Contrasting prevalence of delta hepatitis markers in parenteral drug abusers with and without AIDS. Kreek MJ, et al. **J Infect Dis** 1990 Aug;162(2):538–41
Patterns of HIV-1 and HTLV-I/II in intravenous drug abusers from the middle atlantic and central regions of the USA. Lee HH, et al. **J Infect Dis** 1990 Aug;162(2):347–52
Fatal Staphylococcus saprophyticus native valve endocarditis in an intravenous drug addict [letter] Singh VR, et al. **J Infect Dis** 1990 Sep;162(3):783–4
HTLV-II infection in Italian drug abusers [letter] Zella D, et al. **Lancet** 1990 Sep 1;336(8714):575–6

SUBSTANCE DEPENDENCE

An experiential training program and medical students' attitudes toward patients with chemical dependency. Oldham SB, et al. **Acad Med** 1990 Jun;65(6):421–2
A preliminary investigation of alexithymia in men with psychoactive substance dependence. Taylor GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1228–30
Patients withdrawn from benzodiazepines [letter] Livingston MG. **BMJ** 1990 Jun 16;300(6739):1588
Adolescent chemical dependency. Farrow JA. **Med Clin North Am** 1990 Sep;74(5):1265–74 (29 ref.)
The callus of crack cocaine [letter] Larkin RF. **N Engl J Med** 1990 Sep 6;323(10):685
Intraventricular hemorrhage following amphetamine abuse. Imanse J, et al. **Neurology** 1990 Aug;40(8):1318–9
Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Kaku DA, et al. **Neurology** 1990 Aug;40(8):1317–8

SUBSTANCE K

Neutral endopeptidase inhibitor potentiates the tachykinin-induced increase in ciliary beat frequency in rabbit trachea. Kondo M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):403–6

SUBSTANCE P

Neutral endopeptidase inhibitor potentiates the tachykinin-induced increase in ciliary beat frequency in rabbit trachea. Kondo M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):403–6

SUBSTANCE WITHDRAWAL SYNDROME

Comparison of hypersensitivity to adrenergic stimulation after abrupt withdrawal of propranolol and nadolol: influence of half-life differences. Krukemyer JJ, et al. **Am Heart J** 1990 Sep;120(3):572–9
Mania after nicotine withdrawal [letter] Cohen SB. **Am J Psychiatry** 1990 Sep;147(9):1254–5
Patients withdrawn from benzodiazepines [letter] Livingston MG. **BMJ** 1990 Jun 16;300(6739):1588
Headache caused by caffeine withdrawal among moderate coffee drinkers switched from ordinary to decaffeinated coffee: a 12 week double blind trial. van Dusseldorp M, et al. **BMJ** 1990 Jun 16;300(6739):1558–9
Death from diabetic ketoacidosis after cessation of octreotide in acromegaly [letter] Abrahamson MJ. **Lancet** 1990 Aug 4;336(8710):318–9
Clinically significant hemorrhage due to warfarin-carbamazepine interaction. Denbow CE, et al. **South Med J** 1990 Aug;83(8):981

SUCCINYLCHOLINE

Rapid-sequence orotracheal intubation: a comparison of three techniques. Silverman SM, et al. **Anesthesiology** 1990 Aug;73(2):244–8

SUCRALFATE

Sucralfate, bismuth subcitrate, and gastric HCO3 in humans [letter] **Gut** 1990 Aug;31(8):958–9

SUCROSE

Effect of sucrose on the metabolic disposition of aspartame. Stegink LD, et al. **Am J Clin Nutr** 1990 Aug;52(2):335–41

SUCTION

Transcatheter aspiration of intracoronary thrombus after myocardial infarction. Brown SE, et al. **Am Heart J** 1990 Sep;120(3):688–90
Craniotomy drains and bradycardias [letter] Stokes DN, et al. **Anaesthesia** 1990 Jun;45(6):495–6

SUDDEN INFANT DEATH

Surfactant abnormality and the sudden infant death syndrome—a primary or secondary phenomenon? James D, et al. **Arch Dis Child** 1990 Jul;65(7):774–8
Signs of illness preceding sudden unexpected death in infants [letter] Forrest D, et al. **BMJ** 1990 Jul 7;301(6742):45–6
Illness preceding sudden infant death [letter] Williams AL, et al. **BMJ** 1990 Jun 16;300(6739):1584

SUGAR ALCOHOLS

Digestion and absorption in the human intestine of three sugar alcohols. Beaugerie L, et al. **Gastroenterology** 1990 Sep;99(3):717–23

SUICIDE

Time-related predictors of suicide in major affective disorder. Fawcett J, et al. **Am J Psychiatry** 1990 Sep; 147(9):1189–94
The role of depression in couples involved in murder-suicide and homicide. Rosenbaum M. **Am J Psychiatry** 1990 Aug;

147(8):1036–9
The type III dens fracture and its associated soft-tissue injuries: a different form of Hangman's fracture. Renwick IG. **Br J Radiol** 1990 Jun;63(750):495–6
Assisting suicide [letter] Craigen G, et al. **Can Med Assoc J** 1990 Aug 1;143(3):168
Physician-assisted suicide: the wrong way to go [editorial] Butler RN. **Geriatrics** 1990 Aug;45(8):13–4
Adolescent suicide. Low BP, et al. **Med Clin North Am** 1990 Sep;74(5):1251–64 (75 ref.)
American Academy of Pediatrics Committee on School Health. The potentially suicidal student in the school setting. **Pediatrics** 1990 Sep;86(3):481–3

SUICIDE, ATTEMPTED

CSF 5-HIAA and HVA concentrations in elderly depressed patients who attempted suicide. Jones JS, et al. **Am J Psychiatry** 1990 Sep;147(9):1225–7
Toxicity of fluoxetine in overdose [letter] Moore JL, et al. **Am J Psychiatry** 1990 Aug;147(8):1089
American Academy of Pediatrics Committee on School Health. The potentially suicidal student in the school setting. **Pediatrics** 1990 Sep;86(3):481–3

SULFADIAZINE

Comparison of a hydrocolloid dressing and silver sulfadiazine cream in the outpatient management of second-degree burns. Wyatt D, et al. **J Trauma** 1990 Jul;30(7):857–65

SULFHYDRYL COMPOUNDS

Comparison of 99Tcm dimercaptosuccinic acid scans and intravenous urography in children. Whitear P, et al. **Br J Radiol** 1990 Jun;63(750):438–43
High resolution single photon emission computerized tomography (SPECT)
99mtechnetium-dimercapto-succinic acid renal imaging: a state of the art technique. Tarkington MA, et al. **J Urol** 1990 Aug;144(2 Pt 2):598–600; discussion 606

SULFITES

Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Nichol GM, et al. **Am Rev Respir Dis** 1990 Sep;142(3):576–80

SULFONYLUREA COMPOUNDS

Effects of the sulfonylureas on muscle glucose homeostasis. Smith RJ. **Am J Med** 1990 Aug 20;89(2A):38S–43S; discussion 51S–53S (40 ref.)

SULFUR DIOXIDE

Effect of sulfur dioxide on pulmonary macrophage endocytosis at rest and during exercise. Skornik WA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):655–9

SULFURIC ACIDS

Respiratory responses of young asthmatic volunteers in controlled exposures to sulfuric acid aerosol. Avol EL, et al. **Am Rev Respir Dis** 1990 Aug;142(2):343–8

SULINDAC

Aplastic anaemia associated with a non-steroidal anti-inflammatory drug: relapse after exposure to another such drug. Andrews R, et al. **BMJ** 1990 Jul 7;301(6742):38

SUNBURN

Measuring sunscreen protection against UVA [editorial] **Lancet** 1990 Aug 25;336(8713):472

SUNLIGHT

Suntanning and cutaneous synthesis of vitamin D3. Matsuoka LY, et al. **J Lab Clin Med** 1990 Jul;116(1):87–90

SUNSCREENING AGENTS

Measuring sunscreen protection against UVA [editorial] **Lancet** 1990 Aug 25;336(8713):472

SUPERINFECTION

Sequential virus infections, bacterial superinfections, and fibrogenesis. Jakab GJ. **Am Rev Respir Dis** 1990 Aug; 142(2):374–9

SUPERIOR VENA CAVA SYNDROME

Superior vena cava syndrome following pacemaker insertion post atrial septal defect repair. Angeli SJ. **Am Heart J** 1990 Aug;120(2):433–5
A contemporary perspective on superior vena cava syndrome. Chen JC, et al. **Am J Surg** 1990 Aug; 160(2):207–11
Sclerosing mediastinitis: improved management with histoplasmosis titer and ketoconazole. Urschel HC Jr, et al. **Ann Thorac Surg** 1990 Aug;50(2):215–21

SUPEROXIDE

Influence of chemotherapeutic agents on superoxide anion production by human polymorphonuclear leukocytes. Hara N, et al. **Cancer** 1990 Aug 15;66(4):684–8

SUPEROXIDE DISMUTASE

Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity. Niwa Y, et al. **Blood** 1990 Aug 15;76(4):835–41
Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Nauta RJ, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):120–5
Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Lazar HL, et al. **Surgery** 1990 Aug;108(2):423–9; discussion 429–30

SUPPRESSION, GENETIC

Suppression of hepatitis C virus RNA by interferon-alpha [letter] Kanai K, et al. **Lancet** 1990 Jul 28;336(8709):245

SUPPRESSOR CELLS

CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Linker-Israeli M, et al. **Arthritis Rheum** 1990 Aug;33(8):1216–25 (52 ref.)
Functional and phenotypic characteristics of recombinant interleukin-2 or T-cell growth factor-activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Ebihara T, et al. **Cancer** 1990 Sep 1;66(5):923–9
Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen-induced suppressor T cells down-regulate proliferation and IL-2 production. Fidel PL Jr, et al. **J Immunol** 1990 Aug 15;145(4):1257–64
Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. Kuchroo VK, et al. **J Immunol** 1990 Aug 15;145(4):1059–65

SUPRATENTORIAL NEOPLASMS

The role of surgery in the management of supratentorial intermediate and high-grade astrocytomas in adults. Nazzaro JM, et al. **J Neurosurg** 1990 Sep;73(3):331–44 (184 ref.)

SURAMIN

Suramin in adrenal cancer: modulation of steroid hormone production, cytotoxicity in vitro, and clinical antitumor effect. La Rocca RV, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):497–504

SURFACE-ACTIVE AGENTS

Toxic endothelial cell destruction of the cornea after routine extracapsular cataract surgery. Breebaart AC, et al. **Arch Ophthalmol** 1990 Aug;108(8):1121–5
Toxic effects of detergents on the corneal endothelium. Nuyts RM, et al. **Arch Ophthalmol** 1990 Aug;108(8):1158–62

SURGERY

The effect of surgery clerkship timing on fourth-year students' surgery knowledge. Baciewicz FA Jr, et al. **Acad Med** 1990 Aug;65(8):543
Simulation in surgical training [letter] **BMJ** 1990 Jun 9; 300(6738):1524–5
Medical audit data: counting is not enough. Lyons C, et al. **BMJ** 1990 Jun 16;300(6739):1563–6
Surgery in the undergraduate curriculum—a statement by the Association of Professors of Surgery. Taylor I, et al. **Br J Surg** 1990 Jul;77(7):822–3
Symposium. Certification and accreditation in orthopedic surgery. **Clin Orthop** 1990 Aug;(257):1–66
Recertification. One orthopedic surgeon's view. Edmonson AS. **Clin Orthop** 1990 Aug;(257):35–7
Certificates of added qualifications in orthopedic surgery. Urbaniak JR. **Clin Orthop** 1990 Aug;(257):52–6
The accreditation of graduate educational programs in orthopedic surgery. Wilson FC. **Clin Orthop** 1990 Aug; (257):18–21
Academic consequences of a trauma system failure. Fischer RP, et al. **J Trauma** 1990 Jul;30(7):784–90; discussion 790–1
The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):284–6
Research in surgery: comparison of British and American practice [letter] Siriwardena A. **Lancet** 1990 Aug 18; 336(8712):444
Douglas Waddell Jolly as a pioneer in the surgical treatment of trauma. Adams DB. **Surg Gynecol Obstet** 1990 Sep; 171(3):253–6
A survey of exposures, practices and recommendations of surgeons in the care of patients with human immunodeficiency virus. Mandelbrot DA, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):99–106
Test performance of a local examination at a nonlocal site for evaluation of surgical clerks. Dunnington G, et al. **Surgery** 1990 Aug;108(2):236–9
A study of the on-duty hours of surgical residents. Scher KS, et al. **Surgery** 1990 Aug;108(2):393–7; discussion 397–9

SURGERY, OPERATIVE

Pre-operative anxiety and serum potassium. McCleane GJ, et al. **Anaesthesia** 1990 Jul;45(7):583–5
Omeprazole for prophylaxis of acid aspiration in elective surgery. Ng Wingtin L, et al. **Anaesthesia** 1990 Jun; 45(6):436–8
Effects of oxygen supply on protein metabolism in surgically injured rats. Oxygen as a nutrient. Mimura Y, et al. **Ann Surg** 1990 Aug;212(2):228–33
Perioperative stroke risk in 173 consecutive patients with a past history of stroke. Landercasper J, et al. **Arch Surg** 1990 Aug;125(8):986–9
Gynaecology and the National Confidential Enquiry into Perioperative Deaths [editorial] Campling EA, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):466–7
Abstracts of papers presented at the 71st meeting of the Surgical Research Society. Liverpool, 11–12 January 1990. **Br J Surg** 1990 Jun;77(6):A691–713
Minimally invasive surgery. Fitzpatrick JM, et al. **Br J Surg** 1990 Jul;77(7):721–2 (11 ref.)
Impact of AIDS on surgery [news] MacGowan WA. **Br J Surg** 1990 Jul;77(7):748
Oxygen delivery and oxygen uptake in postoperative and septic patients. Vermeij CG, et al. **Chest** 1990 Aug; 98(2):415–20
Surgical critical care. Wisner DH, et al. **Curr Probl Surg** 1990 Aug;27(8):465–569 (211 ref.)

SURGERY, ORAL

AAOMS 72nd annual meeting and scientific sessions. American Association of Oral and Maxillofacial Surgeons. September 12–16, 1990, New Orleans. Educational summaries and outlines. **J Oral Maxillofac Surg** 1990 Aug; 48(8 Suppl 1):1–156

SURGERY, ORAL, PREPROSTHETIC

Mechanical behavior of mandibular continuity defects reconstructed using combinations of hydroxylapatite and autogenous bone. Eick JD, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):823–30

SURGERY, PLASTIC

Professional review organization utilization and quality review process [letter] Danielson JR. **Plast Reconstr Surg** 1990 Sep;86(3):604
Physiologic tissue gel equivalent [letter] Ersek RA, et al. **Plast Reconstr Surg** 1990 Sep;86(3):611
How good are our breast reconstructions? [editorial] Goldwyn RM. **Plast Reconstr Surg** 1990 Sep;86(3):548–9
Undetected diabetes and the plastic surgeon. Guyuron B, et al. **Plast Reconstr Surg** 1990 Sep;86(3):471–4
United Kingdom plastic surgery centers [letter] James JH. **Plast Reconstr Surg** 1990 Sep;86(3):611
Child sexual abuse sequelae and body-image surgery. Morgan E, et al. **Plast Recoustr Surg** 1990 Sep;86(3):475–8; discussion 479–80
"Components separation" method for closure of abdominal-wall defects: an anatomic and clinical study. Ramirez OM, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):519–26
Chondrolaryngoplasty for appearance. Wolfort FG, et al. **Plast Reconstr Surg** 1990 Sep;86(3):464–9; discussion 470

SURGICAL EQUIPMENT

Supraumbilical upper abdominal midline incision for pelvic surgery in the morbidly obese patient. Greer BE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):471–3

SURGICAL FLAPS

Prevention of hair growth in myocutaneous flap reconstruction. Eliachar I, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):923–7
Medially based horizontal nasolabial flaps for reconstruction of columellar defects. Pincus RL, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):973–4
Perineal, vulval and vaginoperineal reconstruction using the rectus abdominis myocutaneous flap. Skene AI, et al. **Br J Surg** 1990 Jun;77(6):635–7
Reconstruction of the concha of the ear using a postauricular island flap. Chen C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):569–72
Reconstructing the breast mound employing a secondary island omental skin flap. Erol OO, et al. **Plast Reconstr Surg** 1990 Sep;86(3):510–8
Comparison of the intracellular bacterial killing activity of leukocytes in musculocutaneous and random-pattern flaps. Eshima I, et al. **Plast Reconstr Surg** 1990 Sep;86(3):541–7
A triceps musculocutaneous flap for chest-wall defects. Hartrampf CR Jr, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):502–9

The role of emergent exploration in free-tissue transfer: a review of 150 consecutive cases. Hidalgo DA, et al. **Plast Reconstr Surg** 1990 Sep;86(3):492–8; discussion 499–501
The dorsalis pedis myofascial flap. Ismail TI. **Plast Reconstr Surg** 1990 Sep;86(3):573–6; discussion 577–8
Lower eyelid reconstruction with the upper eyelid rotation flap. Papp C, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):563–5; discussion 566–8
The serratus anterior free-muscle flap: experience with 100 consecutive cases. Whitney TM, et al. **Plast Reconstr Surg** 1990 Sep;86(3):481–90; discussion 491
Tracheoplasty with palatal mucoperiosteal graft. Yoshimura Y, et al. **Plast Reconstr Surg** 1990 Sep;86(3):558–62

SURGICAL INSTRUMENTS

The use of ureter stone forceps to remove a large intraocular foreign body. McCarthy MJ, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):208–9
A fiber-optic retractor for harvesting the internal mammary artery. Angelini GD, et al. **Ann Thorac Surg** 1990 Aug; 50(2):314–5
Wound infection after abdominal incision with scalpel or diathermy. Johnson CD, et al. **Br J Surg** 1990 Jun; 77(6):626–7

SURGICAL STAPLERS

Stapled Billroth I gastrectomy. Griffin SM, et al. **Br J Surg** 1990 Jul;77(7):772–3
Staple gun in the surgery of hypopharyngeal diverticula. Westmore GA. **J Laryngol Otol** 1990 Jul;104(7):553–6
Stapled Baker type anastomosis for low anterior resections. Julian TB, et al. **Surg Gynecol Obstet** 1990 Aug; 171(2):169–70

SURGICAL WOUND INFECTION

Radiological cases of the month. Expansile bone cyst in osteogenesis imperfecta. Goodman P, et al. **Am J Dis Child** 1990 Aug;144(8):933–4
Fate of the exposed saphenous vein graft. Ouriel K, et al. **Am J Surg** 1990 Aug;160(2):148–50
Sartorius myoplasty for deep groin wounds following vascular reconstruction. Petrasek PF, et al. **Am J Surg** 1990 Aug;160(2):175–8
Sternotomy infections in infants [letter] Stahl RS, et al. **Ann Thorac Surg** 1990 Aug;50(2):337
A bizarre postoperative wound infection. Shewring DJ, et al. **BMJ** 1990 Jun 16;300(6739):1557
Wound infection after abdominal incision with scalpel or diathermy. Johnson CD, et al. **Br J Surg** 1990 Jun; 77(6):626–7
Fibrin glue-antibiotic suspension in the prevention of prosthetic graft infection. Ney AL, et al. **J Trauma** 1990 Aug;30(8):1000–5; discussion 1005–6
Undetected diabetes and the plastic surgeon. Guyuron B, et al. **Plast Reconstr Surg** 1990 Sep;86(3):471–4

SURROGATE MOTHERS

Surrogate parenting contracts [letter] Wettstein RM. **Am J Obstet Gynecol** 1990 Aug;163(2):679–80

SUTURE TECHNICS

The use of perimandibular sutures in isolated vestibuloplasty or floor of the mouth plasty procedures. Wittkampf AR. **J Oral Maxillofac Surg** 1990 Aug;48(8):892–3
Segmental tricuspid annuloplasty: a new technique [letter] Antunes MJ. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):320–1
Growth of tracheal anastomoses in lambs. Comparison of PDS and Vicryl suture material and interrupted and continuous techniques. Friedman E, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):188–93

SUTURES

Pseudoaneurysm of the inferior epigastric artery: diagnosis and percutaneous treatment. Gage TS, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):529–30
Retrieval of vein graft suture fragments with directional coronary atherectomy: a note of caution. Kahn JK, et al. **Am Heart J** 1990 Sep;120(3):692–6
Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Bartley GB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1074
The efficacy of absorbable suture for microvascular anastomoses. Fried MP, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1051–4
Effect of defunction on cytokinetics and cancer at colonic suture lines. Appleton GV, et al. **Br J Surg** 1990 Jul; 77(7):768–72
Evolution of catgut ligatures: the endeavours and success of Joseph Lister and William Macewen. Gibson T. **Br J Surg** 1990 Jul;77(7):824–5
Growth of tracheal anastomoses in lambs. Comparison of PDS and Vicryl suture material and interrupted and continuous techniques. Friedman E, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):188–93

SWEATING

Sweating in ectodermal dysplasia syndromes. A review. Berg D, et al. **Arch Dermatol** 1990 Aug;126(8):1075–9 (57 ref.)
Night sweats in Hodgkin's disease. A manifestation of preceding minor febrile pulses. Gobbi PG, et al. **Cancer** 1990 May 1;65(9):2074–7

SWEETENING AGENTS

Digestion and absorption in the human intestine of three sugar alcohols. Beaugerie L, et al. **Gastroenterology** 1990 Sep;99(3):717–23

SWIMMING

Plasma chloroform concentrations in swimmers using indoor swimming pools. Aggazzotti G, et al. **Arch Environ Health** 1990 May-Jun;45(3):175–9
A pilot survey of aquatic activities and related consumption of alcohol, with implications for drowning. Howland J, et al. **Public Health Rep** 1990 Jul-Aug;105(4):415–9

SWIMMING POOLS

Plasma chloroform concentrations in swimmers using indoor swimming pools. Aggazzotti G, et al. **Arch Environ Health** 1990 May-Jun;45(3):175–9
From the Centers for Disease Control. Child drownings and near drownings associated with swimming pools—Maricopa County, Arizona, 1988 and 1989. **JAMA** 1990 Aug 8;264(6):680

SWINE DISEASES

Prevalence and comparison of serologic assays, necropsy, and tongue examination for the diagnosis of porcine cysticercosis in Peru. Gonzalez AE, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):194–9
Pathogenesis of meningitis caused by Streptococcus suis type 2. Williams AE, et al. **J Infect Dis** 1990 Aug;162(2):474–81

SWINE, MINIATURE

Efficacy of automated biopsy guns versus conventional biopsy needles in the pygmy pig [see comments] Hopper KD, et al. **Radiology** 1990 Sep;176(3):671–6. Comment in: Radiology 1990 Sep;176(3):615–6.

SYMPATHECTOMY

Cryosurgical denervation of the heart: acute and chronic effects. Douglas JM Jr, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):198–209

SYMPATHETIC NERVOUS SYSTEM

Role of the endothelium in adrenergic responses of mesenteric artery rings of pregnant rats. Parent A, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):229–34
Role of the sympathetic nervous system in heart failure: basic mechanisms and clinical directions. **Circulation** 1990 Aug; 82(2 Suppl):I1–113
Beta-adrenergic pathways in nonfailing and failing human ventricular myocardium. Bristow MR, et al. **Circulation** 1990 Aug;82(2 Suppl):I12–25 (106 ref.)
Abnormalities of peripheral sympathetic nervous system control in congestive heart failure. Cohn JN. **Circulation** 1990 Aug;82(2 Suppl):I59–67 (64 ref.)
False adrenergic transmitters and positron emission tomographic imaging of myocardial sympathetic innervation [comment] Kopin IJ. **Circulation** 1990 Aug; 82(2):646–8. Comment on: Circulation 1990 Aug;82(2):457–64.
Alpha-adrenergic component of the sympathetic nervous system in congestive heart failure. Leier CV, et al. **Circulation** 1990 Aug;82(2 Suppl):I68–76 (116 ref.)
Role of the sympathetic nervous system in chronic heart failure. A historical and philosophical perspective. Packer M. **Circulation** 1990 Aug;82(2 Suppl):I1–6 (80 ref.)
Role of the sympathetic nervous system in the genesis of ventricular arrhythmia. Podrid PJ, et al. **Circulation** 1990 Aug;82(2 Suppl):I103–13 (123 ref.)
Noninvasive evaluation of sympathetic nervous system in human heart by positron emission tomography [see comments] Schwaiger M, et al. **Circulation** 1990 Aug; 82(2):457–64. Comment in: Circulation 1990 Aug;82(2):646–8.
Sympathetic control of diastolic function in congestive heart failure. Walsh RA. **Circulation** 1990 Aug;82(2 Suppl):I52–8 (51 ref.)
Nerve-preserving bilateral retroperitoneal lymphadenectomy: anatomical study and operative approach. Colleselli K, et al. **J Urol** 1990 Aug;144(2 Pt 1):293–7; discussion 297–8
Cyclosporine, sympathetic activity, and hypertension [editorial; comment] Mark AL. **N Engl J Med** 1990 Sep 13;323(11):748–50. Comment on: N Engl J Med 1990 Seo 13;323(11):693–9.
Cyclosporine-induced sympathetic activation and hypertension after heart transplantation [see comments] Scherrer U, et al. **N Engl J Med** 1990 Sep 13;323(11):693–9 Comment in: N Engl J Med 1990 Sep 13;323(11):748–50.

SYMPHYSIOTOMY

Safe motherhood: cesarean section or symphysiotomy? van Roosmalen J. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):1–4

SYNAPSES

Mechanism of action of local anesthetics on synaptic transmission in the rat. Tabatabai M, et al. **Anesth Analg** 1990 Aug;71(2):149–57
Positron emission tomographic scanning demonstrates a presynaptic dopaminergic lesion in Lytico-Bodig. The amyotrophic lateral sclerosis-parkinsonism-dementia complex of Guam. Snow BJ, et al. **Arch Neurol** 1990 Aug; 47(8):870–4

SYNAPTIC RECEPTORS

Maturation of the hypothalamic control of pulsatile gonadotropin-releasing hormone secretion at onset of puberty. I. Increased activation of N-methyl-D-aspartate receptors. Bourguignon JP, et al. **Endocrinology** 1990 Aug; 127(2):873–81

SYNCOPE

Metastatic renal cell carcinoma. An unusual cause of syncope. Fogel RI, et al. **Chest** 1990 Aug;98(2):481–2

SYNOVIAL FLUID

Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. Klockars M, et al. **Br J Rheumatol** 1990 Aug;29(4):318–9
Synovial leukocytosis in infectious arthritis. McCutchan HJ, et al. **Clin Orthop** 1990 Aug;(257):226–30
Synovial fluid tests. What should be ordered? Shmerling RH, et al. **JAMA** 1990 Aug 22-29;264(8):1009–14

SYNOVIAL MEMBRANE

The synovium-cartilage junction of the normal human knee. Implications for joint destruction and repair. Allard SA, et al. **Arthritis Rheum** 1990 Aug;33(8):1170–9
Synthesis of specific IgG idiotypes by rheumatoid synovium. Hoffman WL, et al. **Arthritis Rheum** 1990 Aug; 33(8):1196–204
Enhanced prostaglandin E2 secretion by cytokine-stimulated human synoviocytes in the presence of subtherapeutic concentrations of nonsteroidal antiinflammatory drugs. Lindsley HB, et al. **Arthritis Rheum** 1990 Aug;33(8):1162–9
Serologic and molecular characterization of a human monoclonal rheumatoid factor derived from rheumatoid synovial cells. Robbins DL, et al. **Arthritis Rheum** 1990 Aug;33(8):1188–95
Fibrinolytic activity in the synovial membrane of osteoarthritis. Matucci-Cerinic M, et al. **Br J Rheumatol** 1990 Aug;29(4):249–53
Immunohistological reassessment of accessory cell populations in normal and diseased human synovium. Wilkinson LS, et al. **Br J Rheumatol** 1990 Aug;29(4):259–63

SYNOVIOMA

Synovial sarcoma of the knee: missed diagnosis despite biopsy and arthroscopic synovectomy. A case report. McLain R, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1092–4
Benign synovioma causing internal derangement of the knee. A report of nine cases. Dandy DJ, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):641–2

SYNOVITIS

Immediate "steroid flare" from intraarticular triamcinolone hexacetonide injection: case report and review of the literature. Berger RG, et al. **Arthritis Rheum** 1990 Aug; 33(8):1284–6
Low levels of interleukin-4 and high levels of transforming growth factor beta in rheumatoid synovitis. Miossec P, et al. **Arthritis Rheum** 1990 Aug;33(8):1180–7
Synovial sarcoma of the knee: missed diagnosis despite biopsy and arthroscopic synovectomy. A case report. McLain R, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1092–4

SYPHILIS

The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Minkoff HL, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):521–6
Partner notification [letter] **Ann Intern Med** 1990 Sep 15; 113(6):480–1

SYRINGES

Particulate contamination of an intact glass ampule [letter] Finkelstein A, et al. **Anesthesiology** 1990 Aug;73(2):362–3

SYSTEMS THEORY

Comments on process theory and psychiatry [letter] Landy DA. **Am J Psychiatry** 1990 Sep;147(9):1256–7
Integrated paradigm for psychiatry [letter] Meacham TD, et al. **Am J Psychiatry** 1990 Aug;147(8):1099–100

TACHYCARDIA

Management of complications associated with a first-generation endocardial defibrillation lead system for implantable cardioverter-defibrillators. Tullo NG, et al. **Am J Cardiol** 1990 Aug 15;66(4):411-5

Drug-induced torsades de pointes: role of early afterdepolarizations and dispersion of repolarization. Habbab MA, et al. **Am J Med** 1990 Aug;89(2):241-6

Erythromycin-induced long QT syndrome: concordance with quinidine and underlying cellular electrophysiologic mechanism. Nattel S, et al. **Am J Med** 1990 Aug;89(2):235-8

Association of intravenous erythromycin and potentially fatal ventricular tachycardia with Q-T prolongation (torsades de pointes). Schoenenberger RA, et al. **BMJ** 1990 May 26;300(6736):1375-6

Haloperidol-induced torsades de pointes. Kriwisky M, et al. **Chest** 1990 Aug;98(2):482-4

A hemodynamically responsive antitachycardia system. Development and basis for design in humans. Cohen TJ, et al. **Circulation** 1990 Aug;82(2):394-406

Sites of conduction block in accessory atrioventricular pathways. Basis for concealed accessory pathways. Kuck KH, et al. **Circulation** 1990 Aug;82(2):407-17

Possible torsade in a patient with AIDS. Hancock EW. **Hosp Pract [Off]** 1990 Jul 15;25(7):132-4

Efficacy of the automatic implantable cardioverter-defibrillator in prolonging survival in patients with severe underlying cardiac disease. Fogoros RN, et al. **J Am Coll Cardiol** 1990 Aug;16(2):381-6

Predictive value of electrophysiologic studies during treatment of ventricular tachycardia with the beta-blocking agent nadolol. The Working Group on Arrhythmias of the French Society of Cardiology. Leclercq JF, et al. **J Am Coll Cardiol** 1990 Aug;16(2):413-7

Postinfarction ventricular tachycardia and fibrillation: reassessing the role of drug therapy and approach to the high risk patient [editorial; comment] Peter CT, et al. **J Am Coll Cardiol** 1990 Sep;16(3):531-2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):521-30.

Treatment of catecholamine-sensitive right ventricular tachycardia by endocardial catheter ablation. Stevenson WG, et al. **J Am Coll Cardiol** 1990 Sep;16(3):752-5

Determinants of prognosis in symptomatic ventricular tachycardia or ventricular fibrillation late after myocardial infarction. The Dutch Ventricular Tachycardia Study Group of the Interuniversity Cardiology Institute of The Netherlands [see comments] Willems AR, et al. **J Am Coll Cardiol** 1990 Sep;16(3):521-30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):531-2.

New approaches to treatment of incessant ventricular tachycardia in the very young. Zeigler VL, et al. **J Am Coll Cardiol** 1990 Sep;16(3):681-5

Esmolol for treatment of intraoperative tachycardia and/or hypertension in patients having cardiac operations. Bolus loading technique. Reves JG, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):221-7

TACHYCARDIA, PAROXYSMAL

Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Aronow WS, et al. **Am J Cardiol** 1990 Aug 15;66(4):423-8

TACHYCARDIA, SUPRAVENTRICULAR

The in vivo response of ouabain-induced arrhythmias to pacing: acceleration instead of termination. Vos MA, et al. **Am Heart J** 1990 Sep;120(3):604-11

Modification of supraventricular tachyarrhythmias by stimulating atrial neurons. Ali IM, et al. **Ann Thorac Surg** 1990 Aug;50(2):251-6

In vivo induction of "focal" triggered ventricular arrhythmias and responses to overdrive pacing in the canine heart. Furukawa T, et al. **Circulation** 1990 Aug; 82(2):549-59

The approach to nonsustained ventricular tachycardia after a myocardial infarction [comment] Wellens HJ. **Circulation** 1990 Aug;82(2):633-5. Comment on: Circulation 1990 Aug;82(2):350-8.

Electrophysiological testing and nonsustained ventricular tachycardia. Use and limitations in patients with coronary artery disease and impaired ventricular function [see comments] Wilber DJ, et al. **Circulation** 1990 Aug; 82(2):350-8. Comment in: Circulation 1990 Aug;82(2):633-5.

Reversibility of tachycardia-induced cardiomyopathy after cure of incessant supraventricular tachycardia. Cruz FE, et al. **J Am Coll Cardiol** 1990 Sep;16(3):739-44

Clinical efficacy of radiofrequency current in the treatment of patients with atrioventricular node reentrant tachycardia. Goy JJ, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):418-23

The electrocardiogram in patients with multiple accessory atrioventricular pathways. Wellens HJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):745-51

TACHYPHYLAXIS

Inhaled salmeterol and salbutamol in asthmatic patients. An evaluation of asthma symptoms and the possible development of tachyphylaxis. Ullman A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):571-5

TAENIA

Prevalence and comparison of serologic assays, necropsy, and tongue examination for the diagnosis of porcine cysticercosis in Peru. Gonzalez AE, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):194-9

Immunodiagnosis of human cysticercosis in cerebrospinal fluid. Antigens from murine Taenia crassiceps cysticerci effectively substitute those from porcine Taenia solium. Larralde C, et al. **Arch Pathol Lab Med** 1990 Sep; 114(9):926-8

TALC

Thoracoscopy and talc poudrage for pneumothoraces and effusions. Daniel TM, et al. **Ann Thorac Surg** 1990 Aug; 50(2):186-9

TALUS

Talar shift. The stabilizing role of the medial, lateral, and posterior ankle structures. Harper MC. **Clin Orthop** 1990 Aug;(257):177-83

TAMOXIFEN

Endometrial hyperplasia in an oophorectomized woman receiving tamoxifen therapy [letter] Neven P. **Br J Obstet Gynaecol** 1990 Jun;97(6):551-2

Tamoxifen therapy in unresectable adenocarcinoma of the pancreas and the papilla of Vater. Bakkevold KE, et al. **Br J Surg** 1990 Jul;77(7):725-30

From the Food and Drug Administration. Nightingale SL. **JAMA** 1990 Sep 12;264(10):1239

Tamoxifen potentiates in vivo antitumor activity of interleukin-2. Kim B, et al. **Surgery** 1990 Aug; 108(2):139-44; discussion 144-5

TAMPONS

The toxic shock syndrome [letter] Higgins SP, et al. **BMJ** 1990 Jun 9;300(6738):1523

TANNINS

Inhibition of alveolar macrophage spreading and phagocytosis by cotton bract tannin. A potential mechanism in the pathogenesis of byssinosis. Kreofsky TJ, et al. **Am J Pathol** 1990 Aug;137(2):263-74

TARTRATES

Development of an immunoassay for human serum osteoclastic tartrate-resistant acid phosphatase. Kraenzlin ME, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):442-51

TASTE

The taste of milk [letter] Carmona Da Mota H. **Arch Dis Child** 1990 Jun;65(6):647

TASTE DISORDERS

Altered taste secondary to acetazolamide therapy. Miller LG, et al. **J Fam Pract** 1990 Aug;31(2):199-200

TAUROCHOLIC ACID

Premicellar taurocholate avidly binds ferrous (Fe++) iron: a potential physiologic role for bile salts in iron absorption. Sanyal AJ, et al. **J Lab Clin Med** 1990 Jul;116(1):76-86

TEACHING

Teaching the multidisciplinary team approach in a geriatrics miniresidency. Jackson JE, et al. **Acad Med** 1990 Jun; 65(6):417-9

Academic missions of division chiefs in pediatric departments. II. The division chief as a teacher of adults. Daeschner CW Jr. **Am J Dis Child** 1990 Aug;144(8):891-3

What do school teachers know about asthma? Bevis M, et al. **Arch Dis Child** 1990 Jun;65(6):622-5

Teaching colposcopy and androscopy in family practice residencies. Newkirk GR, et al. **J Fam Pract** 1990 Aug; 31(2):171-8

TEACHING MATERIALS

A computerized simulator for critical-care training: new technology for medical education. Saliterman SS. **Mayo Clin Proc** 1990 Jul;65(7):968-78

TEARS

The occurrence of oligoclonal IgG in tears from patients with MS and systemic immune disorders. Mavra M, et al. **Neurology** 1990 Aug;40(8):1259-62

TECHNETIUM

Role of thallium-201/technetium-99m subtraction scanning in persistent or recurrent hypercalcaemia following parathyroidectomy. Wilson NM, et al. **Br J Surg** 1990 Jul; 77(7):794-5

TECHNOLOGY ASSESSMENT, BIOMEDICAL

The new technology assessment. Fuchs VR, et al. **N Engl J Med** 1990 Sep 6;323(10):673-7

TELANGIECTASIA, HEREDITARY HEMORRHAGIC

The effect of desmopressin on massive gastrointestinal bleeding in hereditary telangiectasia unresponsive to treatment with cryoprecipitate. Quitt M, et al. **Arch Intern Med** 1990 Aug;150(8):1744-6

TELECOMMUNICATIONS

Nursing homes and fax machines [letter] Tangalos EG, et al. **JAMA** 1990 Aug 8;264(6):693-4

TELEMETRY

Blood pressure measured telemetrically from home throughout pregnancy. Mooney P, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):30-6

TELEPHONE

City directories as sources for survey work in low- and middle-income black communities. Stanek EJ 3d, et al. **Am J Public Health** 1990 Sep;80(9):1125-6

TEMPERATURE

Pain on injection of propofol: the effect of injectate temperature. McCrirrick A, et al. **Anaesthesia** 1990 Jun; 45(6):443-4

TEMPORAL ARTERITIS

The American College of Rheumatology 1990 criteria for the classification of giant cell arteritis. Hunder GG, et al. **Arthritis Rheum** 1990 Aug;33(8):1122-8

TEMPORAL BONE

A comparative study of the fallopian canal at the meatal foramen and labyrinthine segment in young children and adults. Eicher SA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1030-5

Ossifying hemangioma of the temporal bone. Gavilán J, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug; 116(8):965-7

TEMPORAL LOBE

MR imaging in patients with temporal lobe seizures: correlation of results with pathologic findings. Heinz ER, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):581-6

TEMPOROMANDIBULAR JOINT

The arthroscopic appearance of acute temporomandibular joint trauma. Goss AN, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):780-3; discussion 784

Microangiography of the rabbit temporomandibular joint in the open and closed jaw positions. Sahler LG, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):831-4

TEMPOROMANDIBULAR JOINT DISEASES

Temporomandibular joint ankylosis following mastoiditis: report of a case. Faerber TH, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):866-70

Arthroscopic lavage and lysis of the temporomandibular joint: a change in perspective. Nitzan DW, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):798-801; discussion 802

Bony ankylosis of the temporomandibular joint: case report of a child treated with delrin condylar implants. Westermark AH, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):861-5

Imaging of the temporomandibular joint. Nance EP Jr, et al. **Radiol Clin North Am** 1990 Sep;28(5):1019-31 (28 ref.)

TENDINITIS

Achilles tendinitis in ballet dancers. Fernández-Palazzi F, et al. **Clin Orthop** 1990 Aug;(257):257-61

TENDON TRANSFER

Static or dynamic repair of chronic lateral ankle instability. A prospective randomized study. Larsen E. **Clin Orthop** 1990 Aug;(257):184-92

Intraosseous anchorage of the iliotibial band graft.

Laupattarakasem W, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):725

TENEBRIO

Occupational sensitivity to Tenebrio molitor Linnaeus (yellow mealworm). Schroeckenstein DC, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):182–8

TERATOMA

Survival in a fetus with sacrococcygeal teratoma and hydrops [letter] Nakayama DK. **Am J Obstet Gynecol** 1990 Aug; 163(2):682

Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Russell SA, et al. **Br J Radiol** 1990 Jun;63(750):492–4

Management of malignant ovarian immature teratoma. Role of adriamycin. Vergote IB, et al. **Cancer** 1990 Sep 1; 66(5):882–6 (33 ref.)

Testicular sparing surgery for prepubertal teratoma of the testis: a clinical and pathological study. Rushton HG, et al. **J Urol** 1990 Sep;144(3):726–30

TERBUTALINE

Diabetic ketoacidosis and insulin resistance with subcutaneous terbutaline infusion: a case report. Tibaldi JM, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):509–10

Comparison of the effects of prolonged treatment with low and high doses of inhaled terbutaline on beta-adrenoceptor responsiveness in patients with chronic obstructive pulmonary disease. Lipworth BJ, et al. **Am Rev Respir Dis** 1990 Aug;142(2):338–42

Beta 2-adrenoceptors in human lung and peripheral mononuclear leukocytes of untreated and terbutaline-treated patients. Hauck RW, et al. **Chest** 1990 Aug;98(2):376–81

TERMINAL CARE

Resuscitation of the terminally ill [letter] Latimer EJ. **Can Med Assoc J** 1990 Aug 1;143(3):168–9

TESTICULAR DISEASES

Endocrine evaluation of adults with mild hypospadias. Gearhart JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):274–7

Alveolar echinococcosis with involvement of the ureter and testis. Strohmaier WL, et al. **J Urol** 1990 Sep;144(3):733–4

TESTICULAR NEOPLASMS

Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Russell SA, et al. **Br J Radiol** 1990 Jun;63(750):492–4

The effect of a 7-day delay in chemotherapy cycles on complete response and event-free survival in good-risk disseminated germ cell tumor patients. Motzer RJ, et al. **Cancer** 1990 Sep 1;66(5):857–61

Tumor angiogenesis formation of vessels de novo at germ cell tumors. Nacov E. **Cancer** 1990 Sep 1;66(5):916–22

Rhabdomyosarcoma of the testicular appendage in an infant: case report. Goff WB 2d, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):412–3

Viralization due to Leydig cell tumor diagnosis by magnetic resonance imaging. Case management report. Kaufman E, et al. **Clin Pediatr (Phila)** 1990 Jul;29(7):414–7

Measurement of circulating parathyroid hormone-related protein in rats with humoral hypercalcemia of malignancy using a two-site immunoradiometric assay. Gaich G, et al. **Endocrinology** 1990 Sep;127(3):1444–9

Nerve-preserving bilateral retroperitoneal lymphadenectomy: anatomical study and operative approach. Colleselli K, et al. **J Urol** 1990 Aug;144(2 Pt 1):293–7; discussion 297–8

Re: Carcinoma in situ of the testis [letter] Dieckmann KP, et al. **J Urol** 1990 Aug;144(2 Pt 1):364

Nerve-sparing retroperitoneal lymphadenectomy with preservation of ejaculation. Donohue JP, et al. **J Urol** 1990 Aug;144(2 Pt 1):287–91; discussion 291–2

Bilateral synchronous testis tumors of different histology in a patient with the acquired immunodeficiency syndrome related complex. Roehrborn CG, et al. **J Urol** 1990 Aug; 144(2 Pt 1):353–5

Testicular sparing surgery for prepubertal teratoma of the testis: a clinical and pathological study. Rushton HG, et al. **J Urol** 1990 Sep;144(3):726–30

Modern radiotherapy results with bulky stages II and III seminoma. Smalley SR, et al. **J Urol** 1990 Sep;144(3):685–9

Treatment of testicular cancer in Poland [letter] Madej G. **Lancet** 1990 Aug 18;336(8712):440

TESTIS

Infarcted undescended testis appearing as a calcified abdominal mass in an adult. Wilbur AC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):547–8

Testicular dysfunction after cyclophosphamide-vincristine-procarbazine-prednisolone chemotherapy for advanced Hodgkin's disease. A long-term follow-up study. Charak BS, et al. **Cancer** 1990 May 1;65(9):1903–6

Regulation of insulin-like growth factor I and stage-specific levels of epidermal growth factor in stage synchronized rat testes. Bartlett JM, et al. **Endocrinology** 1990 Aug; 127(2):747–58

Ontogeny and pituitary regulation of testicular growth hormone-releasing hormone-like messenger ribonucleic acid. Berry SA, et al. **Endocrinology** 1990 Sep; 127(3):1404–11

Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Dupont E, et al. **Endocrinology** 1990 Sep;127(3):1394–403

The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Krummen LA, et al. **Endocrinology** 1990 Sep;127(3):1097–104

Expression and localization of gastrin messenger RNA and peptide in spermatogenic cells. Schalling M, et al. **J Clin Invest** 1990 Aug;86(2):660–9

The effect of experimental varicocele on the testis of adolescent rats. Choi H, et al. **J Urol** 1990 Aug;144(2 Pt 2):499–501; discussion 512–3

Significance of intraoperative venographic patterns on the postoperative recurrence and surgical incision placement of pediatric varicoceles. Gill B, et al. **J Urol** 1990 Aug; 144(2 Pt 2):502–5; discussion 512–3

Exstrophy of the testis. Heyns CF. **J Urol** 1990 Sep; 144(3):724–5

Long-term effects of prepubertal testicular vessel ligation on testicular function in the rat. Pascual JA, et al. **J Urol** 1990 Aug;144(2 Pt 2):466–8; discussion 474

Testicular sparing surgery for prepubertal teratoma of the testis: a clinical and pathological study. Rushton HG, et al. **J Urol** 1990 Sep;144(3):726–30

TESTOSTERONE

Autogenic masculinization. Punch MR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):114–6

Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Dalkin AC, et al. **Endocrinology** 1990 Aug;127(2):798–806

Corticotropin-releasing factor is produced by rat Leydig cells and has a major local antireproductive role in the testis. Fabbri A, et al. **Endocrinology** 1990 Sep; 127(3):1541–3

Interleukin-2 is a potent inhibitor of Leydig cell steroidogenesis. Guo H, et al. **Endocrinology** 1990 Sep; 127(3):1234–9

Photoperiodic control of adipocyte alpha 2-adrenoceptors in Syrian hamsters: role of testosterone. Saulnier-Blache JS, et al. **Endocrinology** 1990 Sep;127(3):1245–53

Quantitative cytological studies of spermatogenesis in intact and hypophysectomized rats: identification of androgen-dependent stages. Sun YT, et al. **Endocrinology** 1990 Sep;127(3):1215–23

Growth hormone-releasing hormone messenger ribonucleic acid in the hypothalamus of the adult male rat is increased by testosterone. Zeitler P, et al. **Endocrinology** 1990 Sep; 127(3):1362–8

Variable expression of 5 alpha-reductase deficiency: presentation with male phenotype in a child of Greek origin. Carpenter TO, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):318–22

Treatment alternatives for impotence. Whitehead ED, et al. **Postgrad Med** 1990 Aug;88(2):139–49, 152 (61 ref.)

TESTOSTERONE 5-ALPHA-REDUCTASE

Expression of neural 5 alpha-reductase messenger ribonucleic acid: comparison to 5 alpha-reductase activity during prenatal development in the rat. Lephart ED, et al. **Endocrinology** 1990 Sep;127(3):1121–8

Variable expression of 5 alpha-reductase deficiency: presentation with male phenotype in a child of Greek origin. Carpenter TO, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):318–22

TETANUS

Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. Riggs JE. **South Med J** 1990 Aug;83(8):955–6

TETANUS TOXOID

Responses to rubella, tetanus, and diphtheria vaccines in otitis-prone and non-otitis-prone children. Prellner K, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):628–32

Response to tetanus toxoid immunization after allogeneic bone marrow transplantation. Ljungman P, et al. **J Infect Dis** 1990 Aug;162(2):496–500

TETRACYCLINE

Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. Moore JW, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):808–12

Multiresistant Salmonella typhi in India [letter] **Lancet** 1990 Jul 28;336(8709):252

TETRACYCLINE RESISTANCE

Antibiotic resistance of Listeria monocytogenes [letter] MacGowen AP, et al. **Lancet** 1990 Aug 25;336(8713):513–4

TETRACYCLINES

Disseminated Mycobacterium fortuitum successfully treated with combination therapy including ciprofloxacin. Burns DN, et al. **Am Rev Respir Dis** 1990 Aug;142(2):468–70

TETRADECANOYLPHORBOL ACETATE

Effects of endothelin-1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Cozza EN, et al. **Endocrinology** 1990 Aug;127(2):549–54

Down-regulation of mannose receptor activity in macrophages after treatment with lipopolysaccharide and phorbol esters. Shepherd VL, et al. **J Immunol** 1990 Sep 1;145(5):1530–6

TETRAHYDROFOLATE DEHYDROGENASE

Novel dihydrofolate reductases isolated from epidemic strains of trimethoprim/sulfamethoxazole-resistant Shigella sonnei. Barg NL, et al. **J Infect Dis** 1990 Aug;162(2):466–73

TETRALOGY OF FALLOT

Long-term results of total repair of tetralogy of Fallot in childhood. Horneffer PJ, et al. **Ann Thorac Surg** 1990 Aug; 50(2):179–83; discussion 183–5

Concomitant repair of congenital tracheal stenosis and complex cardiac anomaly in small children [see comments] Yamaguchi M, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):181–7. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):316–7.

THALAMIC DISEASES

Thalamic hemorrhage imitating hyperventilation. Scialdone AM. **Ann Emerg Med** 1990 Jul;19(7):817–9

THALASSEMIA

Bipolar affective disorder and heterozygous beta-thalassemia [letter] Bocchetta A, et al. **Am J Psychiatry** 1990 Aug; 147(8):1094

Microcytosis, iron deficiency, and thalassaemia in preschool children. Earley A, et al. **Arch Dis Child** 1990 Jun; 65(6):610–4

Treatment of Cooley's anemia. Fosburg MT, et al. **Blood** 1990 Aug 1;76(3):435–44 (87 ref.)

Effect of age at the start of iron chelation therapy on gonadal function in beta-thalassemia major. Bronspiegel-Weintrob N, et al. **N Engl J Med** 1990 Sep 13;323(11):713–9

Pregnancy complicated by hemoglobin CC and C-beta-thalassemia disease. Maberry MC, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):324–7

THALLIUM RADIOISOTOPES

Usefulness of semiquantitative analysis of dipyridamole-thallium-201 redistribution for improving risk stratification before vascular surgery. Levinson JR, et al. **Am J Cardiol** 1990 Aug 15;66(4):406–10

Value of thallium-201 reinjection after delayed SPECT imaging for predicting reversible ischemia after coronary artery bypass grafting. Ohtani H, et al. **Am J Cardiol** 1990 Aug 15;66(4):394–9

Role of thallium-201/technetium-99m subtraction scanning in persistent or recurrent hypercalcaemia following parathyroidectomy. Wilson NM, et al. **Br J Surg** 1990 Jul; 77(7):794–5

THECA CELLS

Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Chandrasekher YA, et al. **Endocrinology** 1990 Aug;127(2):926–33

Insulin-like growth factor-I enhances luteinizing hormone binding to rat ovarian theca-interstitial cells. Cara JF, et al. **J Clin Invest** 1990 Aug;86(2):560–5

THEOBROMINE

Oxpentifylline treatment of venous leg ulcers [letter] Bittiner SB. **BMJ** 1990 Jun 9;300(6738):1528

THEOPHYLLINE

Variations in theophylline concentrations detected by 24-hour saliva concentration profiles in ambulatory children with asthma. Tal A, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):238–43

Cromolyn versus theophylline for treatment of asthma [letter] Randolph C. **J Pediatr** 1990 Aug;117(2 Pt 1):339–40

Acute compartment syndrome secondary to theophylline overdose [letter] Lloyd DM, et al. **Lancet** 1990 Aug 4; 336(8710):312

THERAPY, COMPUTER-ASSISTED

Microcomputer-based rehabilitation for unilateral left visual neglect: a randomized controlled trial. Robertson IH, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):663–8

THERMODILUTION

Hemodynamic status susceptible to slowing of heart rate during thermodilution cardiac output determination in anesthetized patients. Nishikawa T, et al. **Crit Care Med** 1990 Aug;18(8):841–4

THERMOGRAPHY

The use of infra-red thermography in a rheumatology unit. Darton K, et al. **Br J Rheumatol** 1990 Aug;29(4):291–2

Use of thermography in the differential diagnosis of phylloides tumour. Pierart J, et al. **Br J Surg** 1990 Jul; 77(7):783–4

THERMOLUMINESCENT DOSIMETRY

A comparison of two methods of in vivo dosimetry for a high energy neutron beam. Blake SW, et al. **Br J Radiol** 1990 Jun;63(750):476–81

THIAMINE

In vitro human placental model to study transfer of thiamin from the mother to the fetus: effect of ethanol in this system [editorial] Mukherjee AB. **J Lab Clin Med** 1990 Jul; 116(1):6–7

Thiamine-transfer by human placenta: normal transport and effects of ethanol. Schenker S, et al. **J Lab Clin Med** 1990 Jul;116(1):106–15

THINKING

Reflex seizures induced by calculation, card or board games, and spatial tasks: a review of 25 patients and delineation of the epileptic syndrome. Goossens LA, et al. **Neurology** 1990 Aug;40(8):1171–6

THIOCYANATES

Exposure to environmental tobacco smoke (ETS) and serum thiocyanate level in infants. Chen Y, et al. **Arch Environ Health** 1990 May-Jun;45(3):163–7

THIONUCLEOTIDES

Genetic variation in response to 6-mercaptopurine for childhood acute lymphoblastic leukaemia. Lennard L, et al. **Lancet** 1990 Jul 28;336(8709):225–9

THIOPENTAL

Analysis of pentothal confirms decreased potency [letter] Masoud PJ. **Anesth Analg** 1990 Aug;71(2):208

Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Aantaa R, et al. **Anesthesiology** 1990 Aug;73(2):230–5

THIORPHAN

Neutral endopeptidase inhibitor potentiates the tachykinin-induced increase in ciliary beat frequency in rabbit trachea. Kondo M, et al. **Am Rev Respir Dis** 1990 Aug;142(2):403–6

Antihypertensive activity of sinorphan [letter] Lefrançois P, et al. **Lancet** 1990 Aug 4;336(8710):307–8

THIOUREA

Oxygen free radical scavengers decrease reperfusion injury in lung transplantation. Detterbeck FC, et al. **Ann Thorac Surg** 1990 Aug;50(2):204–9; discussion 209–10

THORACIC ARTERIES

A fiber-optic retractor for harvesting the internal mammary artery. Angelini GD, et al. **Ann Thorac Surg** 1990 Aug; 50(2):314–5

Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Johnson JA, et al. **Ann Thorac Surg** 1990 Aug;50(2):297–8

THORACIC DUCT

Reduction of lymphorrhagia from ruptured thoracic duct by somatostatin [letter] Ulibarri JI, et al. **Lancet** 1990 Jul 28; 336(8709):258

THORACIC INJURIES

ABC of major trauma. Thoracic trauma—I. Westaby S, et al. **BMJ** 1990 Jun 23;300(6740):1639–43 (0 ref.)

Blood hypereosinophilia in the course of posttraumatic pleural effusion. Maltais F, et al. **Chest** 1990 Aug; 98(2):348–51

A stepwise logistic regression analysis of factors affecting morbidity and mortality after thoracic trauma: effect of epidural analgesia. Wisner DH. **J Trauma** 1990 Jul; 30(7):799–804; discussion 804–5

THORACIC NEOPLASMS

Prenatal diagnosis of a chest wall mass with ultrasonography and Doppler velocimetry. A case report. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):567–9

Hour-glass lipoma. Trigaux JP, et al. **Br J Radiol** 1990 Jun; 63(750):497–8

THORACIC NERVES

Long thoracic nerve block. Ramamurthy S, et al. **Anesth Analg** 1990 Aug;71(2):197–9

THORACIC RADIOGRAPHY

Value of clinical history [letter] Miller WT. **AJR Am J Roentgenol** 1990 Sep;155(3):653–4

Chest radiography: comparison of high-resolution digital displays with conventional and digital film. Cox GG, et al. **Radiology** 1990 Sep;176(3):771–6

THORACIC VERTEBRAE

Thoracic spine fractures. Deluca SA. **Am Fam Physician** 1990 Aug;42(2):419–21

Spinal tuberculosis: beware the posterior elements. Travlos J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):722–3

THORACOSCOPY

Macroscopic characteristics of pleural metastases arising from the breast and observed by diagnostic thoracoscopy. Cantó-Armengod A. **Am Rev Respir Dis** 1990 Sep; 142(3):616–8

Thoracoscopy and talc poudrage for pneumothoraces and effusions. Daniel TM, et al. **Ann Thorac Surg** 1990 Aug; 50(2):186–9

THORACOTOMY

Paraplegia associated with the use of oxidized cellulose in posterolateral thoracotomy incisions [see comments] Short HD. **Ann Thorac Surg** 1990 Aug;50(2):288–9; discussion 290. Comment in: Ann Thorac Surg 1990 Aug;50(2):178.

Paraplegia associated with thoracotomy [editorial; comment] Walker WE. **Ann Thorac Surg** 1990 Aug;50(2):178. Comment on: Ann Thorac Surg 1990 Aug;50(2):288–9; discussion 290.

THORAX

Thoracoabdominal asynchrony in acute upper airway obstruction in small children. Sivan Y, et al. **Am Rev Respir Dis** 1990 Sep;142(3):540–4

Donor selection for single and double lung transplantation. Chest size matching and other factors influencing posttransplantation vital capacity. Miyoshi S, et al. **Chest** 1990 Aug;98(2):308–13

THROMBIN

Thrombin and plasminogen activator inhibitor [letter] Zahavi M, et al. **Blood** 1990 Aug 15;76(4):853–4

The coagulopathy of childhood leukemia. Thrombin activation or primary fibrinolysis? Abshire TC, et al. **Cancer** 1990 Aug 15;66(4):716–21

Role of thrombolysis and thrombin in patients with acute coronary occlusion during percutaneous transluminal coronary angioplasty. Gulba DC, et al. **J Am Coll Cardiol** 1990 Sep;16(3):563–8

Clot-bound thrombin is protected from inhibition by heparin-antithrombin III but is susceptible to inactivation by antithrombin III-independent inhibitors. Weitz JI, et al. **J Clin Invest** 1990 Aug;86(2):385–91

THROMBOCYTHEMIA, HEMORRHAGIC

Severe mesenteric ischemia due to primary thrombocythemia treated with prostacyclin. Nimmo GR, et al. **Crit Care Med** 1990 Aug;18(8):889–90

THROMBOCYTOPENIA

Intravenous immunoglobulin therapy in systemic lupus erythematosus-associated thrombocytopenia. Maier WP, et al. **Arthritis Rheum** 1990 Aug;33(8):1233–9

The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Kickler TS, et al. **Blood** 1990 Aug 15;76(4):849–52

Heritable severe combined anemia and thrombocytopenia in the mouse: description of the disease and successful therapy. Peters LL, et al. **Blood** 1990 Aug 15;76(4):745–54

Very early intracranial haemorrhage in alloimmune fetal thrombocytopenia [letter] Giovangrandi Y, et al. **Lancet** 1990 Aug 4;336(8710):310

THROMBOCYTOSIS

Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Feigert JM, et al. **Ann Intern Med** 1990 Sep 1;113(5):362–7

Prolonged thrombocytosis in mice after 5-fluorouracil results from failure to down-regulate megakaryocyte concentration. An experimental model that dissociates regulation of megakaryocyte size and DNA content from megakaryocyte concentration. Chenaille PJ, et al. **Blood** 1990 Aug 1;76(3):508–15

THROMBOEMBOLISM

Predicting failure of low-dose prophylactic heparin in general surgical procedures. Wille-Jørgensen P, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):126–30

THROMBOLYTIC THERAPY

Treatment of acute vascular occlusions with intra-arterial urokinase. Eisenbud DE, et al. **Am J Surg** 1990 Aug; 160(2):160–4; discussion 164–5

Threatened reinfarction. Effective therapy using streptokinase with reversal of cardiogenic shock. Andrews WR, et al. **Chest** 1990 Aug;98(2):495–7

Acute coronary occlusion after recent coronary angioplasty. Association with exercise and successful treatment with intracoronary thrombolysis. Bedogni F, et al. **Chest** 1990 Aug;98(2):505–7

Reperfusion, specific thrombin inhibition and reocclusion after thrombolysis [editorial; comment] Chesebro JH, et al. **J Am Coll Cardiol** 1990 Sep;16(3):723–5. Comment on: J Am Coll Cardiol 1990 Sep;16(3):714–22.

Role of thrombolysis and thrombin in patients with acute coronary occlusion during percutaneous transluminal coronary angioplasty. Gulba DC, et al. **J Am Coll Cardiol** 1990 Sep;16(3):563–8

Risk stratification before thrombolytic therapy in patients with acute myocardial infarction. The Thrombolysis in Myocardial Infarction (TIMI) Phase II Co-Investigators. Hillis LD, et al. **J Am Coll Cardiol** 1990 Aug;16(2):313–5

Cardiac rupture, mortality and the timing of thrombolytic therapy: a meta-analysis. Honan MB, et al. **J Am Coll Cardiol** 1990 Aug;16(2):359–67

Coronary reperfusion studies with pro-urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. Kasper W, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):733–8

Stroke and acute myocardial infarction in the thrombolytic era: clinical correlates and long-term prognosis [see comments] O'Connor CM, et al. **J Am Coll Cardiol** 1990 Sep;16(3):533–40. Comment in: J Am Coll Cardiol 1990 Sep;16(3):541–4.

Reinfarction after thrombolytic therapy for acute myocardial infarction followed by conservative management: incidence and effect of smoking. Rivers JT, et al. **J Am Coll Cardiol** 1990 Aug;16(2):340–8

Stroke complicating thrombolytic therapy of acute myocardial infarction [comment] Sloan MA, et al. **J Am Coll Cardiol** 1990 Sep;16(3):541–4. Comment on: J Am Coll Cardiol 1990 Sep;16(3):533–40.

Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] Yasuda T, et al. **J Am Coll Cardiol** 1990 Sep;16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.

Impact of intravenous thrombolysis on short-term coronary revascularization rates. A meta-analysis [see comments] Naylor CD, et al. **JAMA** 1990 Aug 8;264(6):697–702. Comment in: JAMA 1990 Aug 8;264(6):738–9.

Thrombolytic therapy of patients with acute myocardial infarction [editorial; comment] Schlant RC. **JAMA** 1990 Aug 8;264(6):738–9. Comment on: JAMA 1990 Aug 8;264(6):697–702.

Thrombolytic therapy in suspected myocardial infarction [letter] Base W, et al. **Lancet** 1990 Aug 4;336(8710):311

Non-coronary thrombolysis [letter] Dawson K, et al. **Lancet** 1990 Jul 28;336(8709):250–1

GISSI-2 and the heparin controversy. White HD. **Lancet** 1990 Aug 4;336(8710):297–8

Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Van Woert JH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1144–9

Intraoperative intra-arterial urokinase infusion as an adjunct to Fogarty catheter embolectomy in acute arterial occlusion. Garcia R, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):201–5

THROMBOPHLEBITIS

Prolonged bacteremia with catheter-related central venous thrombosis. Rupar DG, et al. **Am J Dis Child** 1990 Aug; 144(8):879–82

Prevention of venous thrombosis after total knee arthroplasty. Comparison of antithrombin III and low-dose

heparin with dextran. Francis CW, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):976–82
B-mode ultrasound scanning in the detection of proximal venous thrombosis after total hip replacement. Woolson ST, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):983–7
Acute phase response and deep lower limb venous thrombosis [letter] Syrjälä H, et al. **J Clin Pathol** 1990 Jun;43(6):519–20
Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Van Woert JH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1144–9
Compression ultrasonography as a reliable imaging monitor in deep venous thrombosis. Mussurakis S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):233–9

THROMBOPLASTIN

Factor IX is activated in vivo by the tissue factor mechanism. Bauer KA, et al. **Blood** 1990 Aug 15;76(4):731–6
Tuftsin induces tissue factor-like activity in human mononuclear cells and in monocytic cell lines. Kornberg A, et al. **Blood** 1990 Aug 15;76(4):814–9

THROMBOSIS

Ultrasonic clot disruption: an in vitro study. Hong AS, et al. **Am Heart J** 1990 Aug;120(2):418–22
Radiological case of the month. Idiopathic aortic thrombosis. Leonor MQ, et al. **Am J Dis Child** 1990 Aug;144(8):935–6
Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. Esposito RA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):572–4
Effect of mitral valve prosthetic surgery on the outcome of a growth-retarded fetus. A case report. Izquierdo LA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):584–6
Upper extremity venous thrombosis diagnosed by duplex scanning. Kerr TM, et al. **Am J Surg** 1990 Aug;160(2):202–6
Clinical diagnosis of anterior inferior cerebellar artery thrombosis: autopsy and temporal bone histopathologic study [letter] Benecke JE Jr. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):678
Arteriovenous fistula in the presence of subclavian vein thrombosis: a serious complication. Kahn D, et al. **Br J Surg** 1990 Jun;77(6):682
Hickman catheter-induced thoracic vein thrombosis. Frequency and long-term sequelae in patients receiving high-dose chemotherapy and marrow transplantation. Haire WD, et al. **Cancer** 1990 Sep 1;66(5):900–8
Inhibition of thrombus formation by activated recombinant protein C in a primate model of arterial thrombosis [see comments] Gruber A, et al. **Circulation** 1990 Aug; 82(2):578–85. Comment in: Circulation 1990 Aug;82(2):655–7.
Heparin-resistant thrombus formation by endovascular stents in baboons. Interruption by a synthetic antithrombin. Krpski WC, et al. **Circulation** 1990 Aug;82(2):570–7
Prevention of thrombosis and rethrombosis. New approaches [comment] Runge MS. **Circulation** 1990 Aug;82(2):655–7. Comment on: Circulation 1990 Aug;82(2):578–85.
Increased intracardiovascular clotting in patients with chronic atrial fibrillation. Kumagai K, et al. **J Am Coll Cardiol** 1990 Aug;16(2):377–80
Occlusion of the vertebral artery in cervical spine dislocations. Louw JA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):679–81
Non-coronary thrombolysis [letter] Dawson K, et al. **Lancet** 1990 Jul 28;336(8709):250–1
Deep venous thrombosis and antibodies to cyproterone acetate [letter] Leroy O, et al. **Lancet** 1990 Aug 25; 336(8713):509
Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Van Woert JH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1144–9
A functional model of microvascular thrombosis. Davidson SF, et al. **Plast Reconstr Surg** 1990 Sep;86(3):579–81
Management of portal venous thrombosis in hepatic transplant recipients. Neuhaus P, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):251–2
Aspirin-independent antithrombotic effects of acutely attached cultured endothelial cells on endarterectomized arteries. Krupski WC, et al. **Surgery** 1990 Aug; 108(2):283–90; discussion 290–1

THROMBOXANE A2

Combined thromboxane A2 synthetase inhibition and receptor blockade are effective in preventing spontaneous and epinephrine-induced canine coronary cyclic flow variations. Yao SK, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):705–13
Preliminary report: renal thromboxane A2 synthesis in children with frequent relapsing nephrotic syndrome. Benigni A, et al. **Lancet** 1990 Sep 1;336(8714):533–4

THROMBOXANE SYNTHETASE

Effects of aerosol administration of a thromboxane synthetase inhibitor (OKY-046) on bronchial responsiveness to acetylcholine in asthmatic subjects. Fujimura M, et al. **Chest** 1990 Aug;98(2):276–9
Combined thromboxane A2 synthetase inhibition and receptor blockade are effective in preventing spontaneous and epinephrine-induced canine coronary cyclic flow variations. Yao SK, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):705–13

THUMB

Revision of residual deformities after operations for duplication of the thumb. Kawabata H, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):988–98

THYMECTOMY

Recurrent thymoma in patients with myasthenia gravis. Ohmi M, et al. **Ann Thorac Surg** 1990 Aug;50(2):243–7

THYMIDINE

A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Windschitl HE, et al. **Cancer** 1990 Sep 1;66(5):853–6

THYMOMA

Recurrent thymoma in patients with myasthenia gravis. Ohmi M, et al. **Ann Thorac Surg** 1990 Aug;50(2):243–7

THYMUS GLAND

Thymic masses on MR imaging. Molina PL, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):495–500
CD27 induction on thymocytes. Martorell J, et al. **J Immunol** 1990 Sep 1;145(5):1356–63
IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. Nieto MA, et al. **J Immunol** 1990 Sep 1;145(5):1364–8
Deviations in thymocyte development induced by divalent and monovalent ligation of the alpha/beta T cell receptor and by its cross-linking to CD8. Yachelini P, et al. **J Immunol** 1990 Sep 1;145(5):1382–9

THYMUS HORMONES

Antibodies to thymic hormone and HLA-DQ in type I diabetes [letter] Kolb H, et al. **Lancet** 1990 Sep 1; 336(8714):570–1

THYMUS NEOPLASMS

Thymic masses on MR imaging. Molina PL, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):495–500
Recurrent thymoma in patients with myasthenia gravis. Ohmi M, et al. **Ann Thorac Surg** 1990 Aug;50(2):243–7

THYROGLOBULIN

Serum thyroglobulin concentration as an indicator for assessing thyroid stimulation in patients with Graves' disease during antithyroid drug therapy. Aizawa T, et al. **Am J Med** 1990 Aug;89(2):175–80
Familial goiter in bongo antelope (Tragelaphus eurycerus). Doi S, et al. **Endocrinology** 1990 Aug;127(2):857–64
Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Kung AW, et al. **Endocrinology** 1990 Sep;127(3):1369–74

THYROGLOSSAL CYST

Thyroglossal duct cyst [letter] Turhal N, et al. **South Med J** 1990 Aug;83(8):983–4

THYROID DISEASES

Changes in 127I mice thyroid follicle studied by analytical ion microscopy: a key for the comprehension of amiodarone-induced thyroid diseases. Briançon C, et al. **Endocrinology** 1990 Sep;127(3):1502–9

THYROID FUNCTION TESTS

Monitoring therapy in patients taking levothyroxine. Helfand M, et al. **Ann Intern Med** 1990 Sep 15;113(6):450–4

THYROID GLAND

Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Katzeff HL, et al. **Am J Clin Nutr** 1990 Aug;52(2):263–6
Thyroid imaging using positron emission tomography—a comparison with ultrasound imaging and conventional scintigraphy in thyrotoxicosis. Flower MA, et al. **Br J Radiol** 1990 May;63(749):325–30
Repeatedly passed FRTL-5 rat thyroid cells can develop insulin and insulin-like growth factor-I-sensitive cyclooxygenase and prostaglandin E2 isomerase-like activities together with altered basal and thyrotropin-responsive thymidine incorporation into DNA. Bellur S, et al. **Endocrinology** 1990 Sep; 127(3):1526–40
Changes in 127I mice thyroid follicle studied by analytical ion microscopy: a key for the comprehension of amiodarone-induced thyroid diseases. Briançon C, et al. **Endocrinology** 1990 Sep;127(3):1502–9
Induction of human thyroid cell ICAM-1 (CD54) antigen expression and ICAM-1-mediated lymphocyte binding. Martin A, et al. **Endocrinology** 1990 Aug;127(2):651–7
Strain-specific determination of the degree of thyroid cell MHC class II antigen expression: evaluation of established Wistar and Fisher rat thyroid cell lines. Neufeld DS, et al. **Endocrinology** 1990 Sep;127(3):1254–9
Epidermal growth factor inhibits radioiodine uptake but stimulates deoxyribonucleic acid synthesis in newborn rat thyroids grown in nude mice. Ozawa S, et al. **Endocrinology** 1990 Aug;127(2):604–12
1,25-Dihydroxyvitamin D3 antagonizes interferon-gamma-induced expression of class II major histocompatibility antigens on thyroid follicular and testicular Leydig cells. Tokuda N, et al. **Endocrinology** 1990 Sep;127(3):1419–27
Synergistic effect of thyroid hormone and thyrotropin on iodothyronine 5'-deiodinase in FRTL-5 rat thyroid cells. Toyoda N, et al. **Endocrinology** 1990 Sep;127(3):1199–205
Thyroid status in normal pregnancy [editorial] Burrow GH. **J Clin Endocrinol Metab** 1990 Aug;71(2):274–5 (8 ref.)
Regulation of maternal thyroid during pregnancy. Glinoer D, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):276–87
Characterization, by molecular cloning, of smaller forms of thyroid peroxidase messenger ribonucleic acid in human thyroid cells as alternatively spliced transcripts. Nagayama Y, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):384–90
A lingual thyroid cyst complicating a foreign body in the oesophagus. Harris WE. **J Laryngol Otol** 1990 Jun; 104(6):508–10
Thyroid lobectomy for removal of a fish bone. al Muhanna A, et al. **J Laryngol Otol** 1990 Jun;104(6):511–2
Longitudinal assessment of L-thyroxine therapy for congenital hypothyroidism. Germak JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):211–9

THYROID HORMONES

Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Katzeff HL, et al. **Am J Clin Nutr** 1990 Aug;52(2):263–6

THYROID NEOPLASMS

Acupuncture anaesthesia. Observations on its use for removal of thyroid adenomata and influence on recovery and morbidity in a Chinese hospital. Kho HG, et al. **Anaesthesia** 1990 Jun;45(6):480–5
Poorly differentiated ('insular') thyroid carcinoma. Report of two cases and review of the literature. Killeen RM, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1082–6 (16 ref.)
Establishment of a human undifferentiated thyroid cancer cell line producing several growth factors and cytokines. Enomoto T, et al. **Cancer** 1990 May 1;65(9):1971–9
Mucoepidermoid carcinoma of the thyroid gland. Katoh R, et al. **Cancer** 1990 May 1;65(9):2020–7 (21 ref.)
Natural history, treatment, and course of papillary thyroid carcinoma. DeGroot LJ, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):414–24
Tracheoplasty with palatal mucoperiosteal graft. Yoshimura Y, et al. **Plast Reconstr Surg** 1990 Sep;86(3):558–62
Oxyphilic (Hürthle cell) adenoma arising in a black thyroid gland. Faddis DM, et al. **South Med J** 1990 Aug;83(8):976–8 (10 ref.)

THYROTOXICOSIS

Thyroid imaging using positron emission tomography—a comparison with ultrasound imaging and conventional scintigraphy in thyrotoxicosis. Flower MA, et al. **Br J Radiol** 1990 May;63(749):325–30
Fetal blood sampling in the management of intrauterine thyrotoxicosis. Porreco RP, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 2):509–12
Surgical treatment of thyrotoxic exophthalmos [letter] Bartley GB, et al. **Plast Reconstr Surg** 1990 Sep;86(3):607–8
Surgical treatment of thyrotoxic exophthalmos [letter] Stranc MF, et al. **Plast Reconstr Surg** 1990 Sep;86(3):608–9

THYROTROPIN

Thyroid dysfunction in postpartum depression [letter] Claman P. **Am J Psychiatry** 1990 Aug;147(8):1101
Accelerated bone loss in hypothyroid patients overtreated with L-thyroxine. Stall GM, et al. **Ann Intern Med** 1990 Aug 15;113(4):265–9
Repeatedly passed FRTL-5 rat thyroid cells can develop insulin and insulin-like growth factor-I-sensitive cyclooxygenase and prostaglandin E2 isomerase-like activities together with altered basal and thyrotropin-responsive thymidine incorporation into DNA. Bellur S, et al. **Endocrinology** 1990 Sep; 127(3):1526–40
The functional expression of recombinant human thyrotropin receptors in nonthyroidal eukaryotic cells provides evidence that homologous desensitization to thyrotropin stimulation requires a cell-specific factor. Chazenbalk GD, et al. **Endocrinology** 1990 Sep;127(3):1240–4
Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Kung AW, et al. **Endocrinology** 1990 Sep;127(3):1369–74
Thyrotrope expression and thyroid hormone inhibition map

to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352–61

Synergistic effect of thyroid hormone and thyrotropin on iodothyronine 5'-deiodinase in FRTL-5 rat thyroid cells. Toyoda N, et al. **Endocrinology** 1990 Sep;127(3):1199–205

Effect of acute hypercalcemia on thyrotropin (TSH) and triiodothyronine responses to TSH-releasing hormone in man. Gillet C, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):516–9

Pathophysiology of pulsatile and copulsatile release of thyroid-stimulating hormone, luteinizing hormone, follicle-stimulating hormone, and alpha-subunit. Samuels MH, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):425–32

Age-adjusted thyrotropin criteria for neonatal screening for hypothyroidism. Allen DB, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):309–12

THYROTROPIN RELEASING HORMONE

Dose response of thyrotropin-releasing hormone on pulmonary maturation in corticosteroid-treated preterm rabbits. Tabor BL, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):669–76

Calcitonin inhibits thyrotropin-releasing hormone-induced increases in cytosolic Ca2+ in isolated rat anterior pituitary cells. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):613–20

Calcitonin inhibits basal and thyrotropin-releasing hormone-induced release of prolactin from anterior pituitary cells: evidence for a selective action exerted proximal to secretagogue-induced increases in cytosolic Ca2+. Shah GV, et al. **Endocrinology** 1990 Aug; 127(2):621–8

Effect of acute hypercalcemia on thyrotropin (TSH) and triiodothyronine responses to TSH-releasing hormone in man. Gillet C, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):516–9

Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. Le Dafniet M, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):480–6

THYROXINE

Monitoring therapy in patients taking levothyroxine. Helfand M, et al. **Ann Intern Med** 1990 Sep 15;113(6):450–4

Accelerated bone loss in hypothyroid patients overtreated with L-thyroxine. Stall GM, et al. **Ann Intern Med** 1990 Aug 15;113(4):265–9

Medium 3,5,3'-triiodo-L-thyronine (T3) and T3 generated from L-thyroxine are exchangeable in cultured GC cells. Halperin Y, et al. **Endocrinology** 1990 Sep;127(3):1050–6

Synergistic effect of thyroid hormone and thyrotropin on iodothyronine 5'-deiodinase in FRTL-5 rat thyroid cells. Toyoda N, et al. **Endocrinology** 1990 Sep;127(3):1199–205

Longitudinal assessment of L-thyroxine therapy for congenital hypothyroidism. Germak JA, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):211–9

Hypothyroidism [letter] **Lancet** 1990 Aug 4;336(8710):315–6

Comparison of placebo with L-thyroxine alone or with carbimazole for treatment of sporadic non-toxic goitre. Berghout A, et al. **Lancet** 1990 Jul 28;336(8709):193–7

TIBIA

The vascular repair of an experimental osteotomy held in an external fixator. Brueton RN, et al. **Clin Orthop** 1990 Aug;(257):286–304

TIBIAL FRACTURES

The vascular repair of an experimental osteotomy held in an external fixator. Brueton RN, et al. **Clin Orthop** 1990 Aug;(257):286–304

Effect of weight-bearing on healing of cortical defects in the canine tibia. Meadows TH, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1074–80

Closed intramedullary tibial nailing. Its use in closed and type I open fractures. Court-Brown CM, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):605–11

C-reactive protein in tibial fractures. Natural response to the injury and operative treatment. Kallio P, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):615–7

TICKS

A comparative study of the infection thresholds of Thogoto virus in Rhipicephalus appendiculatus and Amblyomma variegatum. Davies CR, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):99–103

TIME

Is earlier diagnosis really better? The misleading effects of lead time and length biases. Black WC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):625–30

TIMOLOL

Beta-adrenoceptor blocking agents and anxiolysis [letter] Mackenzie JW, et al. **Anaesthesia** 1990 Jul;45(7):600–1

The effect of adding prostaglandin F2 alpha-isopropylester to timolol in patients with open angle glaucoma. Villumsen J, et al. **Arch Ophthalmol** 1990 Aug;108(8):1102–5

TINNITUS

In search of cochlear morphologic correlates for tinnitus. Oliveira CA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):937–9

TISSUE ADHESIVES

Use of histoacryl tissue adhesive to manage an avulsed tooth. McCabe MJ. **BMJ** 1990 Jul 7;301(6742):20–1

TISSUE BANKS

The need for a Human Cell Organization [editorial] Moore GE. **Cancer** 1990 Aug 15;66(4):617–8

TISSUE DONORS

Anencephalics as organ donors. Van Assche FA. **Am J Obstet Gynecol** 1990 Aug;163(2):599–600

Atherosclerosis in a donor heart [letter] Miller GL. **Ann Intern Med** 1990 Sep 15;113(6):484

Use of potentially infected donor hearts for cardiac transplantation. Lammermeier DE, et al. **Ann Thorac Surg** 1990 Aug;50(2):222–5

Organ procurement for pulmonary transplantation [letter] Ribet ME, et al. **Ann Thorac Surg** 1990 Aug;50(2):335–6

Organ donation. II-Logistical disincentives to organ donation. Odom NJ. **BMJ** 1990 Jun 16;300(6739):1573–5

Organ donation. I—Management of the multiorgan donor. Odom NJ. **BMJ** 1990 Jun 16;300(6739):1571–3

Donor selection for single and double lung transplantation. Chest size matching and other factors influencing posttransplantation vital capacity. Miyoshi S, et al. **Chest** 1990 Aug;98(2):308–13

A comparison of 2 protocols for living-related renal transplantation in children: donor-specific transfusions versus cyclosporine. Leone MR, et al. **J Urol** 1990 Sep; 144(3):721–3

Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival. Kamei T, et al. **Surgery** 1990 Aug;108(2):415–21; discussion 421–2

TISSUE EXPANDERS

The role of tissue expanders in an anophthalmic animal model. Lo AK, et al. **Plast Reconstr Surg** 1990 Sep; 86(3):399–408; discussion 409–10

Tissue expansion for rhytidectomy [letter] Luce EA. **Plast Reconstr Surg** 1990 Sep;86(3):602–3

TISSUE EXPANSION

The use of a tissue expander in club-foot surgery. A case report and review. Atar D, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):574–7

Tissue expansion in the lower limbs of children and young adults. Cole WG, et al. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):578–80

Intraoperative tissue expansion for rhytidectomy [letter] Schubert W, et al. **Plast Reconstr Surg** 1990 Sep;86(3):603–4

TOBACCO

Role of cigarette use in hyponatremia in schizophrenic patients. Allon M, et al. **Am J Psychiatry** 1990 Aug; 147(8):1075–7

TOBACCO SMOKE POLLUTION

Variability of measures of exposure to environmental tobacco smoke in the home. Coultas DB, et al. **Am Rev Respir Dis** 1990 Sep;142(3):602–6

Exposure to environmental tobacco smoke (ETS) and serum thiocyanate level in infants. Chen Y, et al. **Arch Environ Health** 1990 May-Jun;45(3):163–7

Passive smoking [letter] Wood AA. **BMJ** 1990 Jun 23; 300(6740):1650

Lung cancer and exposure to tobacco smoke in the household. Janerich DT, et al. **N Engl J Med** 1990 Sep 6;323(10):632–6

TOBACCO USE DISORDER

Can genetic constitution affect the 'objective' diagnosis of nicotine dependence? [editorial; comment] Henningfield JE. **Am J Public Health** 1990 Sep;80(9):1040–1. Comment on: Am J Public Health 1990 Sep;80(9):1053–6. Comment on: Am J Public Health 1990 Sep;80(9):1057–61. Comment on: Am J Public Health 1990 Sep;80(9):1114–5.

TOBRAMYCIN

Fibrin glue-antibiotic suspension in the prevention of prosthetic graft infection. Ney AL, et al. **J Trauma** 1990 Aug;30(8):1000–5; discussion 1005–6

TOCOLYSIS

Effects of ritodrine tocolysis on cardiac isozymes and electrocardiography [letter] Hendricks SK, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):699–701

Diabetic ketoacidosis and insulin resistance with subcutaneous terbutaline infusion: a case report. Tibaldi JM, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):509–10

TOCOLYTIC AGENTS

A comparison of tocolysis with nifedipine or ritodrine: analysis of efficacy and maternal, fetal, and neonatal outcome. Ferguson JE 2d, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):105–11

A new tocolytic agent: development of an oxytocin antagonist for inhibiting uterine contractions. Wilson L Jr, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):195–202

TOLMETIN

Comparison of intramuscular ketorolac and morphine in pain control after laparotomy. Powell H, et al. **Anaesthesia** 1990 Jul;45(7):538–42

Ketorolac tromethamine. **Med Lett Drugs Ther** 1990 Aug 24;32(825):79–81

TOLUENE

Toluene dementia [letter] Gospe SM Jr. **Neurology** 1990 Aug; 40(8):1320–1

TOMOGRAPHY, EMISSION-COMPUTED

Thyroid imaging using positron emission tomography—a comparison with ultrasound imaging and conventional scintigraphy in thyrotoxicosis. Flower MA, et al. **Br J Radiol** 1990 May;63(749):325–30

False adrenergic transmitters and positron emission tomographic imaging of myocardial sympathetic innervation [comment] Kopin IJ. **Circulation** 1990 Aug; 82(2):646–8. Comment on: Circulation 1990 Aug;82(2):457–64.

Noninvasive evaluation of sympathetic nervous system in human heart by positron emission tomography [see comments] Schwaiger M, et al. **Circulation** 1990 Aug; 82(2):457–64. Comment in: Circulation 1990 Aug;82(2):646–8.

Progressive failure of coronary flow during reperfusion of myocardial infarction: documentation of the no reflow phenomenon with positron emission tomography. Jeremy RW, et al. **J Am Coll Cardiol** 1990 Sep;16(3):695–704

Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Luyten PR, et al. **Radiology** 1990 Sep;176(3):791–9

Clinical evaluation of a high-resolution (2.6-mm) positron emission tomography. Valk PE, et al. **Radiology** 1990 Sep; 176(3):783–90

TOMOGRAPHY, EMISSION-COMPUTED, SINGLE-PHOTON

In vivo delineation of myocardial hypoxia during coronary occlusion using fluorine-18 fluoromisonidazole and positron emission tomography: a potential approach for identification of jeopardized myocardium [see comments] Shelton ME, et al. **J Am Coll Cardiol** 1990 Aug; 16(2):477–85. Comment in: J Am Coll Cardiol 1990 Aug;16(2):486–8.

Renal cortical scintigraphy and single proton emission computerized tomography (SPECT) in the assessment of renal defects in children. Joseph DB, et al. **J Urol** 1990 Aug;144(2 Pt 2):595–7; discussion 606

High resolution single photon emission computerized tomography (SPECT) 99mtechnetium-dimercapto-succinic acid renal imaging: a state of the art technique. Tarkington MA, et al. **J Urol** 1990 Aug;144(2 Pt 2):598–600; discussion 606

Cerebral abnormalities in cocaine abusers: demonstration by SPECT perfusion brain scintigraphy. Work in progress. Tumeh SS, et al. **Radiology** 1990 Sep;176(3):821–4

TOMOGRAPHY, X-RAY COMPUTED

The thickness of the renal parenchyma decreases with age: a CT study of 360 patients. Gourtsoyiannis N, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):541–4

Cervical prevertebral fat stripe: a normal variant simulating prevertebral hemorrhage. Lewis CA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):559–60

Foot-in-mouth disease no April fools' joke [letter] Sprecher S, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):651

Infarcted undescended testis appearing as a calcified abdominal mass in an adult. Wilbur AC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):547–8

Churg-Strauss pulmonary vasculitis. High-resolution computed tomography scanning and pathologic findings. Buschman DL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):458–61

Dynamic contrast enhanced computed tomography: a precise

technique for identifying and localising pancreatic necrosis. Larvin M, et al. **BMJ** 1990 Jun 2;300(6737):1425–8
Calcification of the large bowel in schistosomiasis demonstrated by computed tomography. al-Hindawi M, et al. **Br J Radiol** 1990 May;63(749):357–60
Discovertebral destruction in ankylosing spondylitis: the role of computed tomography and magnetic resonance imaging. Kenny JB, et al. **Br J Radiol** 1990 Jun;63(750):448–55
Computed tomography in the etiologic assessment of idiopathic spontaneous pneumothorax. Lesur O, et al. **Chest** 1990 Aug;98(2):341–7
CT of the paranasal sinuses: study of a control series in relation to endoscopic sinus surgery. Lloyd GA. **J Laryngol Otol** 1990 Jun;104(6):477–81
Postoperative CT contrast enhancement following lobectomy for epilepsy. Laohaprasit V, et al. **J Neurosurg** 1990 Sep; 73(3):392–5
Late diagnosis of nonconjoined monoamniotic twins using computed tomographic imaging: a case report. Carlan SJ, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):504–6
Changes in splenic size after abdominal trauma. Goodman LR, et al. **Radiology** 1990 Sep;176(3):629–32
Lobar bronchioloalveolar carcinoma: "angiogram sign" on CT scans. Im JG, et al. **Radiology** 1990 Sep;176(3):749–53
Normal intrahepatic bile ducts: CT depiction. Liddell RM, et al. **Radiology** 1990 Sep;176(3):633–5
A guidance device for CT-guided procedures. Reyes GD. **Radiology** 1990 Sep;176(3):863–4
Interstitial lung disease in progressive systemic sclerosis: high-resolution CT versus radiography. Schurawitzki H, et al. **Radiology** 1990 Sep;176(3):755–9
Hypointense paranasal sinus foci: differential diagnosis with MR imaging and relation to CT findings. Som PM, et al. **Radiology** 1990 Sep;176(3):777–81
Loss of the insular ribbon: another early CT sign of acute middle cerebral artery infarction. Truwit CL, et al. **Radiology** 1990 Sep;176(3):801–6
Lung: spiral volumetric CT with single-breath-hold technique. Vock P, et al. **Radiology** 1990 Sep;176(3):864–7
A segmental approach to computerized tomographic portography for hepatic resection. Sugarbaker PH, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):189–95

TONGUE

Prevalence and comparison of serologic assays, necropsy, and tongue examination for the diagnosis of porcine cysticercosis in Peru. Gonzalez AE, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):194–9

TONGUE NEOPLASMS

Marijuana smoking and carcinoma of the tongue. Is there an association? Caplan GA, et al. **Cancer** 1990 Sep 1; 66(5):1005–6 (15 ref.)
A lingual thyroid cyst complicating a foreign body in the oesophagus. Harris WE. **J Laryngol Otol** 1990 Jun; 104(6):508–10

TONOMETRY

Method-comparison studies: the Keeler Pulsair tonometer [letter] Moseley MJ, et al. **Anaesthesia** 1990 Jul;45(7):595–6

TONSIL

Severe upper airway obstruction in children secondary to lingual tonsil hypertrophy. Guarisco JL, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):621–4

TONSILLECTOMY

Diathermy haemostasis at tonsillectomy: current practice—a survey of U.K. otolaryngologists. Murty GE, et al. **J Laryngol Otol** 1990 Jul;104(7):549–52

TOOTH EROSION

The effectiveness of a dental/dietitian team in the assessment of bulimic dental health. Howat PM, et al. **J Am Diet Assoc** 1990 Aug;90(8):1099–102

TOOTH EXTRACTION

Double-blind comparison of meclofenamate sodium plus codeine, meclofenamate sodium, codeine, and placebo for relief of pain following surgical removal of third molars. Giglio JA, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):785–90
Preanesthetic medication with rectal midazolam in children undergoing dental extractions. Roelofse JA, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):791–7; discussion 797

TOOTH LUXATION

Use of histoacryl tissue adhesive to manage an avulsed tooth. McCabe MJ. **BMJ** 1990 Jul 7;301(6742):20–1
Emergency treatment of avulsed incisor teeth. Scheer B. **BMJ** 1990 Jul 7;301(6742):4

TOOTH REPLANTATION

Emergency treatment of avulsed incisor teeth. Scheer B. **BMJ** 1990 Jul 7;301(6742):4

TORTICOLLIS

Double-blind, placebo-controlled trial of botulinum toxin injections for the treatment of spasmodic torticollis. Greene P, et al. **Neurology** 1990 Aug;40(8):1213–8

TORTURE

Prevalence and sequelae of sexual torture. Lunde I, et al. **Lancet** 1990 Aug 4;336(8710):289–91

TOUCH

Vibrotactile threshold measurement for detecting neurotoxicity: reliability and determination of age- and height-standardized normative values. Gerr F, et al. **Arch Environ Health** 1990 May-Jun;45(3):148–54

TOURNIQUETS

Vascular complication of knee arthroplasty under tourniquet. A case report. Hagan PF, et al. **Clin Orthop** 1990 Aug; (257):159–61
Tourniquet technique for reduced blood loss and wound assessment during excisions of burn wounds of the extremity. Marano MA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):249–50

TOXICOLOGY

Detecting subtle human CNS dysfunction: challenge for toxicologists in 1990's [editorial; comment] Becker CE, et al. **J Toxicol Clin Toxicol** 1990;28(1):vii–xi. Comment on: J Toxicol Clin Toxicol 1990;28(1):1–20. Comment on: J Toxicol Clin Toxicol 1990;28(1):21–8.

TOXOPLASMOSIS

Successful therapy for Toxoplasma gondii myocarditis in acquired immunodeficiency syndrome. Grange F, et al. **Am Heart J** 1990 Aug;120(2):443–4
The importance of considering clinical usefulness in the evaluation of medical laboratory tests [letter] Sever JL. **Am J Obstet Gynecol** 1990 Aug;163(2):678–9

TRACE ELEMENTS

Trace minerals in the nutrition of children. Milner JA. **J Pediatr** 1990 Aug;117(2 Pt 2):S147–55 (70 ref.)

TRACHEA

Tracheobronchial clearance in patients with bilateral diaphragmatic weakness. Mier A, et al. **Am Rev Respir Dis** 1990 Sep;142(3):545–8
Tracheobronchial foreign bodies [letter] Whitlock WL, et al. **Ann Intern Med** 1990 Sep 15;113(6):482–3
Experimental study of a new porous tracheal prosthesis. Guijarro Jorge R, et al. **Ann Thorac Surg** 1990 Aug; 50(2):281–7
Treatment of severe bronchomalacia with expanding endobronchial stents. Mair EA, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1087–90
Effects of azelastine on vagal neuroeffector transmission in canine and human airway smooth muscle. Aizawa H, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):171–6
Growth of tracheal anastomoses in lambs. Comparison of PDS and Vicryl suture material and interrupted and continuous techniques. Friedman E, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):188–93
Tracheal agenesis. Chiu T, et al. **South Med J** 1990 Aug; 83(8):925–30 (13 ref.)

TRACHEAL DISEASES

Tracheostoma diverticulum following tracheoesophageal puncture. Hoffman HT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1074–6
Acquired tracheobronchomegaly resulting in severe respiratory failure. Shivaram U, et al. **Chest** 1990 Aug; 98(2):491–2
Treatment of an infant with tracheobronchomalacia at home with a lightweight, high-humidity, continuous positive airway pressure system. Weigle CG. **Crit Care Med** 1990 Aug;18(8):892–4
Tracheobronchial calcification: an observation in three children after mitral valve replacement and warfarin sodium therapy. Taybi H, et al. **Radiology** 1990 Sep; 176(3):728–30

TRACHEAL NEOPLASMS

Cardiopulmonary bypass for resection of low tracheal haemangioma. Franks R, et al. **Arch Dis Child** 1990 Jun; 65(6):630–2
Primary malignant tumors of the trachea. A radiologic and clinical study. Li W, et al. **Cancer** 1990 Sep 1;66(5):894–9
Endobronchial treatment for tracheobronchial tumours [editorial] **Lancet** 1990 Aug 18;336(8712):410–1

TRACHEAL STENOSIS

Surgical treatment for laryngotracheal stenosis in the pediatric patient. Narcy P, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1047–50
Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chan AL, et al. **Chest** 1990 Aug;98(2):271–5
Growth of tracheal anastomoses in lambs. Comparison of PDS and Vicryl suture material and interrupted and continuous techniques. Friedman E, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):188–93
Invited letter concerning: tracheal operations in infancy [letter; comment] Jonas RA. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):316–7. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):181–7.
Concomitant repair of congenital tracheal stenosis and complex cardiac anomaly in small children [see comments] Yamaguchi M, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):181–7. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):316–7.

TRACHEOSTOMY

Tracheostoma diverticulum following tracheoesophageal puncture. Hoffman HT, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1074–6
Tracheoplasty with palatal mucoperiosteal graft. Yoshimura Y, et al. **Plast Reconstr Surg** 1990 Sep;86(3):558–62

TRACHEOTOMY

Minitracheotomy [letter] Frampton MC. **BMJ** 1990 Jun 9; 300(6738):1524

TRACTION

The value of preliminary traction in the treatment of congenital dislocation of the hip. Kahle WK, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):1043–7

TRAINING SUPPORT

The debt and the cash flow of residents: I. The grim present [letter] **JAMA** 1990 Sep 12;264(10):1247–9
The debt and the cash flow of residents: II. And now for the future: the end of HEAL? [letter] Walden TL Jr. **JAMA** 1990 Sep 12;264(10):1249–50

TRANQUILIZING AGENTS

Tranquilizing deportees [letter] Feenan DK. **Can Med Assoc J** 1990 Aug 1;143(3):169–70

TRANQUILIZING AGENTS, MAJOR

Continuous versus targeted medication in schizophrenic outpatients: outcome results. Carpenter WT Jr, et al. **Am J Psychiatry** 1990 Sep;147(9):1138–48
Neuroleptic malignant syndrome in 12 of 9,792 Chinese inpatients exposed to neuroleptics: a prospective study. Deng MZ, et al. **Am J Psychiatry** 1990 Sep;147(9):1149–55
Neuroleptic drugs and the sigma receptor [letter] Hoffman DW. **Am J Psychiatry** 1990 Aug;147(8):1093–4
Prevalence of neuroleptic-induced dystonia in mania and schizophrenia. Remington GJ, et al. **Am J Psychiatry** 1990 Sep;147(9):1231–3
Factors in the development of severe forms of tardive dyskinesia. Yassa R, et al. **Am J Psychiatry** 1990 Sep; 147(9):1156–63
A hazardous side effect of neuroleptics: diagnosis and treatment. Epperly TD, et al. **Geriatrics** 1990 Aug; 45(8):58–62
How much of which antipsychotic? [letter] Rowlands P, et al. **Lancet** 1990 Aug 18;336(8712):443

TRANSCRIPTION, GENETIC

Genetic mechanisms that determine oxidative capacity of striated muscles. Control of gene transcription. Williams RS. **Circulation** 1990 Aug;82(2):319–31 (95 ref.)
Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Kung AW, et al. **Endocrinology** 1990 Sep;127(3):1369–74

TRANSCUTANEOUS ELECTRIC NERVE STIMULATION

Can trials of physical treatments be blinded? The example of transcutaneous electrical nerve stimulation for chronic pain [letter] Thorsteinsson G. **Am J Phys Med Rehabil** 1990 Aug;69(4):219–20
Post whiplash dystonia well controlled by transcutaneous electrical nervous stimulation (TENS): case report. Foley-Nolan D, et al. **J Trauma** 1990 Jul;30(7):909–10

TRANSFECTION

Expression of atypical and classical insulin receptors in Chinese hamster ovary cells transfected with cloned cDNA for the human insulin receptor. Jonas HA, et al. **Endocrinology** 1990 Sep;127(3):1301–9
Gene transfer into humans: a first step [editorial: comment]

Cournoyer D, et al. **N Engl J Med** 1990 Aug 30; 323(9):601-3. Comment on: N Engl J Med 1990 Aug 30;323(9):570-8.
Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] Rosenberg SA, et al. **N Engl J Med** 1990 Aug 30; 323(9):570-8. Comment in: N Engl J Med 1990 Aug 30;323(9):601-3.

TRANSFERENCE (PSYCHOLOGY)

Transference phenomena in medical practice: being whom the patient needs. Zinn WM. **Ann Intern Med** 1990 Aug 15;113(4):293-8

TRANSFORMING GROWTH FACTORS

Low levels of interleukin-4 and high levels of transforming growth factor beta in rheumatoid synovitis. Miossec P, et al. **Arthritis Rheum** 1990 Aug;33(8):1180-7
Transforming growth factor beta inhibits endomitosis in the Dami human megakaryocytic cell line. Greenberg SM, et al. **Blood** 1990 Aug 1;76(3):533-7
Elevated expression of transforming growth factor-beta and proteoglycan production in experimental glomerulonephritis. Possible role in expansion of the mesangial extracellular matrix. Okuda S, et al. **J Clin Invest** 1990 Aug;86(2):453-62
Macrophage deactivating factor and transforming growth factors-beta 1 -beta 2 and -beta 3 inhibit induction of macrophage nitrogen oxide synthesis by IFN-gamma. Ding A, et al. **J Immunol** 1990 Aug 1;145(3):940-4
The autocrine production of transforming growth factor-beta 1 during lymphocyte activation. A study with a monoclonal antibody-based ELISA. Lucas C, et al. **J Immunol** 1990 Sep 1;145(5):1415-22
Inhibition of parietal cell H+ secretion by transforming growth factor alpha: a possible autocrine regulatory mechanism. Lewis JJ, et al. **Surgery** 1990 Aug;108(2):220-6; discussion 226-7
Differential acceleration of healing of surgical incisions in the rabbit gastrointestinal tract by platelet-derived growth factor and transforming growth factor, type beta. Mustoe TA, et al. **Surgery** 1990 Aug;108(2):324-9; discussion 329-30
Gene expression in normal and doxorubicin-impaired wounds: importance of transforming growth factor-beta. Salomon GD, et al. **Surgery** 1990 Aug;108(2):318-22; discussion 322-3

TRANSIENTS AND MIGRANTS

Traveller mothers and babies [editorial] Feder G, et al. **BMJ** 1990 Jun 16;300(6739):1536-7

TRANSLOCATION (GENETICS)

Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation. Pezzella F, et al. **Am J Pathol** 1990 Aug;137(2):225-32

TRANSPLANTATION, AUTOLOGOUS

Multiple graft harvestings from deep partial-thickness scald wounds healed under the influence of weak direct current. Chu CS, et al. **J Trauma** 1990 Aug;30(8):1044-9; discussion 1049-50

TRANSPLANTATION, HOMOLOGOUS

Use of the allograft aortic valved conduit. Campbell DN, et al. **Ann Thorac Surg** 1990 Aug;50(2):320-2
Acute upper gastrointestinal graft-versus-host disease: clinical significance and response to immunosuppressive therapy. Weisdorf DJ, et al. **Blood** 1990 Aug 1;76(3):624-9
Insertion of a prosthetic hip into a total hip allograft. Case report. Mulroy RD, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):643-6

TRANSPORTATION OF PATIENTS

Respiratory problems of air travel in patients with spinal cord injuries. Armitage JM, et al. **BMJ** 1990 Jun 9; 300(6738):1498-9
American Academy of Pediatrics Committee on Accident and Poison Prevention: Safe transportation of newborns discharged from the hospital. **Pediatrics** 1990 Sep; 86(3):486-7
Outcome, transport times, and costs of patients evacuated by helicopter versus fixed-wing aircraft. Thomas F, et al. **West J Med** 1990 Jul;153(1):40-3

TRANSPOSITION OF GREAT VESSELS

Myocardial protection by retrograde cardioplegia in arterial switch operation. Yonenaga K, et al. **Ann Thorac Surg** 1990 Aug;50(2):238-42
Factors influencing choice of procedure in transposition of the great arteries: a decision analysis approach. Danford DA. **J Am Coll Cardiol** 1990 Aug;16(2):471-5
Comparative values of the precordial and transesophageal approaches in the echocardiographic evaluation of atrial baffle function after an atrial correction procedure. Kaulitz R, et al. **J Am Coll Cardiol** 1990 Sep;16(3):686-94
Arterial switch operation [letter; comment] Kirklin JW. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):314. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):261-9.
Early and midterm results of the arterial switch operation for transposition of the great arteries in Japan [see comments] Yamaguchi M, et al. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):261-9. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):314.

TRAUMA CENTERS

Academic consequences of a trauma system failure [editorial] Curreri PW. **J Trauma** 1990 Jul;30(7):834-5
Academic consequences of a trauma system failure. Fischer RP, et al. **J Trauma** 1990 Jul;30(7):784-90; discussion 790-1
Impact of a required request law on vital organ procurement. Ross SE, et al. **J Trauma** 1990 Jul;30(7):820-3; discussion 823-4
Outcome, transport times, and costs of patients evacuated by helicopter versus fixed-wing aircraft. Thomas F, et al. **West J Med** 1990 Jul;153(1):40-3

TRAUMA SEVERITY INDICES

A computerized approach to injury description. Osler TM, et al. **J Trauma** 1990 Aug;30(8):983-7; discussion 987-8
Injury Severity Scores in desert recreational all-terrain vehicle trauma. Pollack CV Jr, et al. **J Trauma** 1990 Jul; 30(7):888-92

TRAVEL

Mortality from Plasmodium falciparum malaria in travelers from the United States, 1959 to 1987. Greenberg AE, et al. **Ann Intern Med** 1990 Aug 15;113(4):326-7

TREMOR

An obese man with tremor and exophthalmos. Waltman RE. **Hosp Pract [Off]** 1990 Aug 15;25(8):161, 164, 166
The effect of albuterol aerosol on fine-motor performance in children with chronic asthma. Mazer B, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):243-8

TRETINOIN

Vaginal bleeding and tretinoin cream [letter] Meurehg CC, et al. **Ann Intern Med** 1990 Sep 15;113(6):483

TRIAL OF LABOR

Vaginal birth after cesarean section: an appraisal of the reappraisal [letter] Flamm BL. **Am J Obstet Gynecol** 1990 Aug;163(2):691-2

TRIAMCINOLONE ACETONIDE

Immediate "steroid flare" from intraarticular triamcinolone hexacetonide injection: case report and review of the literature. Berger RG, et al. **Arthritis Rheum** 1990 Aug; 33(8):1284-6

TRIAMTERENE

Pseudoporphyria due to dyazide in a patient with vitiligo. Motley RJ. **BMJ** 1990 Jun 2;300(6737):1468

TRIAZOLES

Pulmonary aspergillosis in mice: treatment with a new triazole SCH39304. Defaveri J, et al. **Am Rev Respir Dis** 1990 Sep;142(3):512-5
Effects of the PAF antagonist WEB 2086 on PAF-induced physiologic alterations and on IgE anaphylaxis in the rabbit. Lohman I, et al. **Am Rev Respir Dis** 1990 Aug;142(2):390-7
Comparison of 0.8% and 1.6% terconazole cream in severe vulvovaginal candidiasis. Schmitt C, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):414-6

TRICHINELLA

Parasite-specific antibody response in Trichinella sp. 3 human infection: a one year follow-up. Bruschi F, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):186-93

TRICHINOSIS

Parasite-specific antibody response in Trichinella sp. 3 human infection: a one year follow-up. Bruschi F, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):186-93
Intraintestinal migration to the epithelium of protective, dividing, anti-Trichinella spiralis CD4+ OX22- cells requires MHC class II compatibility. Wang CH, et al. **J Immunol** 1990 Aug 1;145(3):1021-8

TRICHLORFON

Metrifonate or praziquantel treatment improves physical fitness and appetite of Kenyan schoolboys with Schistosoma haematobium and hookworm infections. Latham MC, et al. **Am J Trop Med Hyg** 1990 Aug; 43(2):170-9

TRICHOMONAS VAGINALIS

Persistent vaginitis caused by metronidazole-resistant trichomonas. Grossman JH 3d, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):521-2

TRICHOMONAS VAGINITIS

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510-4
Persistent vaginitis caused by metronidazole-resistant trichomonas. Grossman JH 3d, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):521-2

TRICUSPID VALVE

A modification of the Fontan procedure incorporating anomalies of systemic and pulmonary venous return. Julsrud PR, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):233-9

TRICUSPID VALVE INSUFFICIENCY

Segmental tricuspid annuloplasty: a new technique [letter] Antunes MJ. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):320-1

TRIGEMINAL GANGLION

Latent varicella-zoster viral DNA in human trigeminal and thoracic ganglia. Mahalingam R, et al. **N Engl J Med** 1990 Sep 6;323(10):627-31

TRIGEMINAL NERVE

Spontaneous trigeminal-facial reinnervation. DeLacure MD, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep; 116(9):1079-81 (14 ref.)

TRIGLYCERIDES

A carbohydrate-rich diet not only leads to incorporation of medium-chain fatty acids (6:0-14:0) in milk triglycerides but also in each milk-phospholipid subclass. van Beusekom C, et al. **Am J Clin Nutr** 1990 Aug;52(2):326-34
Effect of a high-carbohydrate, low-saturated-fat diet on apolipoprotein B and triglyceride metabolism in Pima Indians. Abbott WG, et al. **J Clin Invest** 1990 Aug; 86(2):642-50

TRIIODOTHYRONINE

Medium 3,5,3'-triiodo-L-thyronine (T3) and T3 generated from L-thyroxine are exchangeable in cultured GC cells. Halperin Y, et al. **Endocrinology** 1990 Sep;127(3):1050-6
Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Sarapura VD, et al. **Endocrinology** 1990 Sep;127(3):1352-61
Synergistic effect of thyroid hormone and thyrotropin on iodothyronine 5'-deiodinase in FRTL-5 rat thyroid cells. Toyoda N, et al. **Endocrinology** 1990 Sep;127(3):1199-205
Effect of acute hypercalcemia on thyrotropin (TSH) and triiodothyronine responses to TSH-releasing hormone in man. Gillet C, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):516-9

TRIMETHOPRIM RESISTANCE

Novel dihydrofolate reductases isolated from epidemic strains of trimethoprim/sulfamethoxazole-resistant Shigella sonnei. Barg NL, et al. **J Infect Dis** 1990 Aug;162(2):466-73

TRIMETHOPRIM-SULFAMETHOXAZOLE COMBINATION

Novel dihydrofolate reductases isolated from epidemic strains of trimethoprim/sulfamethoxazole-resistant Shigella sonnei. Barg NL, et al. **J Infect Dis** 1990 Aug;162(2):466-73
Trimethoprim-sulfamethoxazole prophylaxis in the management of chronic granulomatous disease. Margolis DM, et al. **J Infect Dis** 1990 Sep;162(3):723-6
Postcoital antimicrobial prophylaxis for recurrent urinary tract infection. A randomized, double-blind, placebo-controlled trial. Stapleton A, et al. **JAMA** 1990 Aug 8;264(6):703-6
Multiresistant Salmonella typhi in India [letter] **Lancet** 1990 Jul 28;336(8709):252
"Treating through" hypersensitivity to cotrimoxazole in children with HIV infection [letter] Kreuz W, et al. **Lancet** 1990 Aug 25;336(8713):508-9

TRIPLETS

Coping with three, four, or more [editorial] **Lancet** 1990 Aug 25;336(8713):473
Sonographic growth measurements in triplet pregnancies

[letter] Jones JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):477–8

TRISOMY

Growth of linear parameters in trisomy 18 fetuses. Droste S, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):158–61

TROMETHAMINE

Ketorolac tromethamine. **Med Lett Drugs Ther** 1990 Aug 24;32(825):79–81

TROPHOBLAST

Trophoblast-derived interleukin-6 (IL-6) regulates human chorionic gonadotropin release through IL-6 receptor on human trophoblasts. Nishino E, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):436–41

Isolation of fetal trophoblast cells from peripheral blood of pregnant women. Mueller UW, et al. **Lancet** 1990 Jul 28; 336(8709):197–200

Uterine serosal trophoblastic implant after linear salpingostomy for ectopic pregnancy at laparotomy. Cataldo NA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):523–5

TROPHOBLASTIC TUMOR

Recurrent gestational trophoblastic disease. Experience of the Southeastern Regional Trophoblastic Disease Center. Mutch DG, et al. **Cancer** 1990 Sep 1;66(5):978–82

TROPOMYOSIN

Immunochemical demonstration of tropomyosin in the neurofibrillary pathology of Alzheimer's disease. Galloway PG, et al. **Am J Pathol** 1990 Aug;137(2):291–300

Paramyosin as helminth vaccine candidate [letter] Kantha SS. **Lancet** 1990 Aug 4;336(8710):320

TRUTH DISCLOSURE

Knowledge acquired during camp for children with cancer [letter] Ladd RE, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):337–8

How good are our breast reconstructions? [editorial] Goldwyn RM. **Plast Reconstr Surg** 1990 Sep;86(3):548–9

TRYPANOCIDAL AGENTS

Chagas' disease: lymphoma growth in rabbits treated with Benznidazole. Teixeira AR, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):146–58

TRYPANOSOMA CRUZI

Variability of Trypanosoma cruzi epimastigote surface antigens with changes in the temperature of the cultures. O'Daly JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):44–51

TRYPANOSOMIASIS

Elevated cerebroside antibody levels in human visceral and cutaneous leishmaniasis, Trypanosoma rangeli infection, and chronic Chagas' disease. Avila JL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):52–60

TRYPANOSOMIASIS, SOUTH AMERICAN

Elevated cerebroside antibody levels in human visceral and cutaneous leishmaniasis, Trypanosoma rangeli infection, and chronic Chagas' disease. Avila JL, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):52–60

Therapeutic efficacy of allopurinol in patients with chronic Chagas' disease. Gallerano RH, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):159–66

Variability of Trypanosoma cruzi epimastigote surface antigens with changes in the temperature of the cultures. O'Daly JA, et al. **Am J Trop Med Hyg** 1990 Jul;43(1):44–51

Chagas' disease: lymphoma growth in rabbits treated with Benznidazole. Teixeira AR, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):146–58

Recombinant granulocyte-macrophage colony-stimulating factor restores deficient immune responses in mice with chronic Trypanosoma cruzi infections. Reed SG, et al. **J Immunol** 1990 Sep 1;145(5):1564–70

TRYPSIN

Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. van Klaveren RJ, et al. **Gut** 1990 Aug;31(8):953–5

TRYPTOPHAN

Plasma concentrations of tryptophan and dieting. Goodwin GM, et al. **BMJ** 1990 Jun 9;300(6738):1499–500

Two patients with eosinophilia myalgia syndrome associated with tryptophan. van Garsse LG, et al. **BMJ** 1990 Jul 7; 301(6742):21

Tryptophan [letter] **JAMA** 1990 Aug 22–29;264(8):969–71

L-tryptophan-associated eosinophilic perimyositis, neuritis, and fasciitis. A clinicopathologic and laboratory study of 25 patients. Kaufman LD, et al. **Medicine (Baltimore)** 1990 Jul;69(4):187–99

TRYPTOPHAN OXYGENASE

IFN-gamma is the inducer of indoleamine 2,3-dioxygenase in allografted tumor cells undergoing rejection. Takikawa O, et al. **J Immunol** 1990 Aug 15;145(4):1246–50

TUBERCULIN

Serodiagnosis of tuberculosis using an ELISA with antigen 5 and a hemagglutination assay with glycolipid antigens. Results in patients with newly diagnosed pulmonary tuberculosis ranging in extent of disease from minimal to extensive. Chan SL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):385–9

TUBERCULOSIS

Tuberculous polymyositis in HIV infection [letter] Pouchot J, et al. **Am J Med** 1990 Aug;89(2):250–1

Sex differences in the susceptibility of mice to infection induced by Mycobacterium intracellulare. Yamamoto Y, et al. **Am Rev Respir Dis** 1990 Aug;142(2):430–3

Failure of tuberculosis chemotherapy in a human immunodeficiency virus-infected patient [letter] Dylewski J, et al. **J Infect Dis** 1990 Sep;162(3):778–9

Outbreaks of drug-resistant tuberculosis at AIDS centre [letter] Pitchenik AE, et al. **Lancet** 1990 Aug 18; 336(8712):440–1

TUBERCULOSIS, CARDIOVASCULAR

Myocardial tuberculosis presenting as restrictive cardiomyopathy. Bali HK, et al. **Am Heart J** 1990 Sep; 120(3):703–6

TUBERCULOSIS, CUTANEOUS

Disseminated Mycobacterium fortuitum successfully treated with combination therapy including ciprofloxacin. Burns DN, et al. **Am Rev Respir Dis** 1990 Aug;142(2):468–70

TUBERCULOSIS, FEMALE GENITAL

An abdominal pregnancy 10 years after treatment for pelvic tuberculosis. Durukan T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):594–5

TUBERCULOSIS, GASTROINTESTINAL

Perforated gastrointestinal tuberculosis [letter] Porter KA, et al. **Dig Dis Sci** 1990 Aug;35(8):1046–8

TUBERCULOSIS, LYMPH NODE

Esophageal perforation in a patient with acquired immunodeficiency syndrome. Adkins MS, et al. **Ann Thorac Surg** 1990 Aug;50(2):299–300

Vasculitis in tuberculous infection [letter] Chan HS, et al. **Chest** 1990 Aug;98(2):511

TUBERCULOSIS, MALE GENITAL

Tuberculous cold abscess of the corpus cavernosum: a case report. Yachia D, et al. **J Urol** 1990 Aug;144(2 Pt 1):351–2

TUBERCULOSIS, MENINGEAL

Detection of anti-BCG secreting cells in cerebrospinal fluid [letter] Stutman HR, et al. **Lancet** 1990 Aug 25; 336(8713):514

TUBERCULOSIS, MILIARY

Fiberbronchoscopy in smear-negative miliary tuberculosis [letter] Watson JM, et al. **Chest** 1990 Aug;98(2):508–9

TUBERCULOSIS, OSTEOARTICULAR

Disseminated Mycobacterium fortuitum successfully treated with combination therapy including ciprofloxacin. Burns DN, et al. **Am Rev Respir Dis** 1990 Aug;142(2):468–70

Tuberculosis of the patella. Shah P, et al. **Br J Radiol** 1990 May;63(749):363–4

Multifocal cystic tuberculosis of bone. Report of a case. Shannon FB, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):1089–92

TUBERCULOSIS, PERITONEAL

Diagnostic paracentesis [letter] Misra SP, et al. **Gastroenterology** 1990 Sep;99(3):902–3

TUBERCULOSIS, PLEURAL

Mesothelial cells and tuberculous pleuritis [letter] de los Santos-Sastre S, et al. **Chest** 1990 Aug;98(2):518

TUBERCULOSIS, PULMONARY

American Thoracic Society. Diagnostic standards and classification of tuberculosis. **Am Rev Respir Dis** 1990 Sep; 142(3):725–35

Disseminated Mycobacterium fortuitum successfully treated with combination therapy including ciprofloxacin. Burns DN, et al. **Am Rev Respir Dis** 1990 Aug;142(2):468–70

Serodiagnosis of tuberculosis using an ELISA with antigen 5 and a hemagglutination assay with glycolipid antigens. Results in patients with newly diagnosed pulmonary tuberculosis ranging in extent of disease from minimal to extensive. Chan SL, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):385–9

Value of ELISA using A60 antigen in the diagnosis of active pulmonary tuberculosis. Charpin D, et al. **Am Rev Respir Dis** 1990 Aug;142(2):380–4

Occupational tuberculous infections among pulmonary physicians in training. Malasky C, et al. **Am Rev Respir Dis** 1990 Sep;142(3):505–7

Dodging droplet nuclei. Reducing the probability of nosocomial tuberculosis transmission in the AIDS era [editorial] Nardell EA. **Am Rev Respir Dis** 1990 Sep; 142(3):501–3

Testing for isoniazid. An evaluation of the Arkansas method. Schraufnagel DE, et al. **Chest** 1990 Aug;98(2):314–6

TUBERCULOSIS, SPINAL

Spinal tuberculosis in a developed country. A review of 26 cases with special emphasis on abscesses and neurologic complications. Janssens JP, et al. **Clin Orthop** 1990 Aug; (257):67–75

Spinal tuberculosis with neurological deficit. Treatment with anterior vascularised rib grafts, posterior osteotomies and fusion. Louw JA. **J Bone Joint Surg [Br]** 1990 Jul; 72(4):686–93

Tuberculosis of the lumbosacral junction. Long-term follow-up of 26 cases. Pun WK, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):675–8

Spinal tuberculosis: beware the posterior elements. Travlos J, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):722–3

TUBOCURARINE

Differential sensitivities of fetal muscle groups to d-tubocurarine. Szeto HH, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):202–9

TUFTSIN

Tuftsin induces tissue factor-like activity in human mononuclear cells and in monocytic cell lines. Kornberg A, et al. **Blood** 1990 Aug 15;76(4):814–9

TUMOR CELLS, CULTURED

Effects of somatostatin analogue SMS 201-995 [letter] Poston GJ, et al. **Br J Surg** 1990 Jun;77(6):714–5

Interferon-gamma inhibits 1,25-dihydroxyvitamin D3-stimulated synthesis of bone GLA protein in rat osteosarcoma cells by a pretranslational mechanism. Nanes MS, et al. **Endocrinology** 1990 Aug;127(2):588–94

Medium hyposmolarity stimulates prolactin secretion in GH4C1 cells by inducing an increase in cytosolic free calcium. Sato N, et al. **Endocrinology** 1990 Aug; 127(2):957–64

Production of the rat type 1 insulin-like growth factor-binding protein by well differentiated H4EIIC3 hepatoma cells: identification, purification, and N-terminal amino acid analysis. Unterman TG, et al. **Endocrinology** 1990 Aug;127(2):789–97

Insulin-like growth factor binding proteins in human breast cancer cells: relationship to hIGFBP-2 and hIGFBP-3. De Leon DD, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):530–2

Suramin in adrenal cancer: modulation of steroid hormone production, cytotoxicity in vitro, and clinical antitumor effect. La Rocca RV, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):497–504

Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. Nakhla AM, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):398–404

TUMOR MARKERS, BIOLOGICAL

Plasma prolactin as an indicator of disease progression in advanced breast cancer. Bhatavdekar JM, et al. **Cancer** 1990 May 1;65(9):2028–32

Clinical and serologic markers of stage and prognosis in small cell lung cancer. A multivariate analysis. Gronowitz JS, et al. **Cancer** 1990 Aug 15;66(4):722–32

The diagnostic and prognostic value of pretreatment serum creatine kinase BB levels in patients with neuroblastoma. Ishiguro Y, et al. **Cancer** 1990 May 1;65(9):2014–9

Relationship between epidermal growth factor receptor status and various prognostic factors in human breast cancer. Toi M, et al. **Cancer** 1990 May 1;65(9):1980–4

The use of biomarkers in the prediction of survival in patients with pulmonary carcinoma. Walop W, et al. **Cancer** 1990 May 1;65(9):2033–46

Epithelial markers in pancreatic carcinoma:

immunoperoxidase localisation of DD9, CEA, EMA and CAM 5.2. Heyderman E, et al. **J Clin Pathol** 1990 Jun; 43(6):448–52

Quantitative immunocytology in the management of patients with superficial bladder carcinoma. I. A marker to identify patients who do not require prophylaxis. Huland E, et al. **J Urol** 1990 Sep;144(3):637–9; discussion 639–40

Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. Nativ O, et al. **J Urol** 1990 Aug;144(2 Pt 1):303–6

Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. Stege R, et al. **J Urol** 1990 Aug;144(2 Pt 1):299–302

Prostate-specific antigen testing in untreated and treated prostatic adenocarcinoma. Rainwater LM, et al. **Mayo Clin Proc** 1990 Aug;65(8):1118–26 (56 ref.)

Simultaneous measurement of CA 125, CA 19–9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Kamiya N, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):417–21

Clinical evaluation of tumor-associated mucin-type glycoprotein CA 54/61 in ovarian cancers: comparison with CA 125. Suzuki M, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):422–7

Surveillance strategies after resection of carcinoma of the colon and rectum. Fantini GA, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):267–73 (58 ref.)

Flow cytometry and prognostic implications in patients with solid tumors. Williams NN, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):257–66 (107 ref.)

Sucrase-isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas. Wiltz O, et al. **Surgery** 1990 Aug;108(2):269–75; discussion 275–6

Detection of clinically occult prostate cancer. Morse RM, et al. **Urol Clin North Am** 1990 Aug;17(3):567–74 (86 ref.)

TUMOR NECROSIS FACTOR

Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Mustafa MM, et al. **Am J Dis Child** 1990 Aug;144(8):883–7

Tumor necrosis factor alpha and lymphotoxin production in Hodgkin's disease. Kretschmer C, et al. **Am J Pathol** 1990 Aug;137(2):341–51

The effects of tumor necrosis factor-alpha on early human hematopoietic progenitor cells treated with 4-hydroperoxycyclophosphamide. Moreb J, et al. **Blood** 1990 Aug 15;76(4):681–9

A phase II trial of recombinant tumor necrosis factor in patients with advanced colorectal carcinoma. Kemeny N, et al. **Cancer** 1990 Aug 15;66(4):659–63

Tumor necrosis factor acutely increases plasma levels of very low density lipoproteins of normal size and composition. Krauss RM, et al. **Endocrinology** 1990 Sep;127(3):1016–21

Involvement of tumor necrosis factor-alpha in the pathogenesis of activated macrophage-mediated hepatitis in mice. Nagakawa J, et al. **Gastroenterology** 1990 Sep; 99(3):758–65

Tumour necrosis factor, cholestatic jaundice, and chronic liver disease. Jones A, et al. **Gut** 1990 Aug;31(8):938–9

Inhibition of human colony-forming-unit erythroid by tumor necrosis factor requires accessory cells. Means RT Jr, et al. **J Clin Invest** 1990 Aug;86(2):538–41

Regulation of tumor necrosis factor gene expression and protein synthesis in murine macrophages treated with recombinant tumor necrosis factor. Descoteaux A, et al. **J Immunol** 1990 Aug 1;145(3):846–53

Inhibition of type 1 diabetes in BB rats with recombinant human tumor necrosis factor-alpha. Satoh J, et al. **J Immunol** 1990 Sep 1;145(5):1395–9

Stimulation of alpha-adrenergic receptor augments the production of macrophage-derived tumor necrosis factor. Spengler RN, et al. **J Immunol** 1990 Sep 1;145(5):1430–4

Adenosine and related compounds counteract tumor necrosis factor-alpha inhibition of neutrophil migration: implication of a novel cyclic AMP-independent action on the cell surface. Sullivan GW, et al. **J Immunol** 1990 Sep 1; 145(5):1537–44

IL-4 regulates endothelial cell activation by IL-1, tumor necrosis factor, or IFN-gamma. Thornhill MH, et al. **J Immunol** 1990 Aug 1;145(3):865–72

Genetic variability at the human tumor necrosis factor loci. Webb GC, et al. **J Immunol** 1990 Aug 15;145(4):1278–85

Combined effects of tumor necrosis factor-alpha, prostaglandin E2, and corticosterone on induced Ia expression on murine macrophages. Zimmer T, et al. **J Immunol** 1990 Aug 15;145(4):1167–75

Prophylactic and therapeutic effects of a monoclonal antibody to tumor necrosis factor-alpha in experimental gram-negative shock. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):421–7

Monoclonal antibody to endotoxin core protects mice from Escherichia coli sepsis by a mechanism independent of tumor necrosis factor and interleukin-6. Silva AT, et al. **J Infect Dis** 1990 Aug;162(2):454–9

Serum tumor necrosis factor levels in patients with infectious disease and septic shock. Offner F, et al. **J Lab Clin Med** 1990 Jul;116(1):100–5

A combined therapy of hyperthermia and tumor necrosis factor for nude mice bearing KK-47 bladder cancer. Amano T, et al. **J Urol** 1990 Aug;144(2 Pt 1):370–4

In-vitro production of TNF-alpha in blood samples [letter] Freeman R, et al. **Lancet** 1990 Aug 4;336(8710):312–3

Tumour necrosis factor to treat chronic hepatitis B virus infection [letter] Sheron N, et al. **Lancet** 1990 Aug 4; 336(8710):321–2

Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis. Hall-Angerås M, et al. **Surgery** 1990 Aug; 108(2):460–6

Human Kupffer cells are cytotoxic against human colon adenocarcinoma. Roh MS, et al. **Surgery** 1990 Aug; 108(2):400–4; discussion 404–5

TUMOR STEM CELLS

Salivary gland neoplasms—stem cell histogenesis? [letter] Burford-Mason A, et al. **J Laryngol Otol** 1990 Jun; 104(6):521–3

TUMOR VIRUS INFECTIONS

5-fluorouracil exposure during the period of conception: report on two cases. Odom LD, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):76–7

Cervical cancer: role for progesterone during pregnancy and contraception? [letter] Stendahl U, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):685–6

Nonisotopic human papillomavirus DNA typing of cervical smears obtained at the initial colposcopic examination. Duggan MA, et al. **Cancer** 1990 Aug 15;66(4):745–51

Composite Hodgkin's and non-Hodgkin's lymphoma in a patient with acquired immune deficiency syndrome. In-situ demonstration of Epstein-Barr virus. Guarner J, et al. **Cancer** 1990 Aug 15;66(4):796–800

Adenoacanthoma of the endometrium: morphological changes induced by human papillomavirus. Kealy WF, et al. **J Clin Pathol** 1990 Jul;43(7):554–9

Anal human papillomavirus infection among human immunodeficiency virus-seropositive and -seronegative men. Kiviat N, et al. **J Infect Dis** 1990 Aug;162(2):358–61

Genital human papillomavirus infection in adolescents. Biro FM, et al. **Med Clin North Am** 1990 Sep;74(5):1235–49 (118 ref.)

Superficial laser vulvectomy. IV. Extended laser vaporization and adjunctive 5-fluorouracil therapy of human papillomavirus-associated vulvar disease. Reid R, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):439–48

TWINS

Prolongation of pregnancy and survival of second twin [letter] Goodlin RC. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):270–1

Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Rydhström H. **Am J Obstet Gynecol** 1990 Aug;163(2):528–33

Nonarteritic ischemic optic neuropathy in identical female twins: improvement of visual outcome in one by optic nerve decompression [letter] Manor RS. **Arch Ophthalmol** 1990 Aug;108(8):1067–8

The second twin [editorial] **Lancet** 1990 Aug 4;336(8710):284

Late diagnosis of nonconjoined monoamniotic twins using computed tomographic imaging: a case report. Carlan SJ, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):504–6

The Vietnam Era Twin Registry: a resource for medical research. Henderson WG, et al. **Public Health Rep** 1990 Jul–Aug;105(4):368–73

TYMPANIC MEMBRANE

Hydrocortisone delay of tissue repair of experimental tympanic membrane perforations. Spandow O, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):647–53

A randomised controlled trial of surgery for glue ear. Black NA, et al. **BMJ** 1990 Jun 16;300(6739):1551–6

TYPHOID

Toxic reaction following treatment of typhoid fever with pefloxacin [letter] Caumes E, et al. **Lancet** 1990 Jul 28; 336(8709):252

TYROSINE

Signal transduction of the human granulocyte-macrophage colony-stimulating factor and interleukin-3 receptors involves tyrosine phosphorylation of a common set of cytoplasmic proteins. Kanakura Y, et al. **Blood** 1990 Aug 15;76(4):706–15

Protein tyrosine phosphorylation and p56lck modification in IL-2 or phorbol ester-activated human natural killer cells. Einspahr KJ, et al. **J Immunol** 1990 Sep 1;145(5):1490–7

CD-3-mediated activation of MAP-2 kinase can be modified by ligation of the CD4 receptor. Evidence for tyrosine phosphorylation during activation of this kinase. Nel AE, et al. **J Immunol** 1990 Aug 1;145(3):971–9

TYROSINE AMINOTRANSFERASE

Biological activity of the fatty acid ester metabolites of corticoids. Petrazzuoli M, et al. **Endocrinology** 1990 Aug; 127(2):555–9

TYROSINE HYDROXYLASE

Tyrosine hydroxylase polymorphisms and manic-depressive illness [letter] Nöthen M, et al. **Lancet** 1990 Sep 1; 336(8714):575

UBIQUINONE

Coenzyme Q10 and respiratory chain enzyme activities in hypertrophied human left ventricles with aortic valve stenosis. Maurer I, et al. **Am J Cardiol** 1990 Aug 15; 66(4):504–5

ULCER

Vulvar ulcer of unknown etiology in a human immunodeficiency virus-infected woman: response to treatment with zidovudine. Covino JM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):116–8

Non-steroidal anti-inflammatory drugs, hiatus hernia, and Helicobacter pylori, in patients with oesophageal ulceration. Shallcross TM, et al. **Br J Rheumatol** 1990 Aug; 29(4):288–90

ULNA FRACTURES

Carbon fibre composite bone plates. Development, evaluation and early clinical experience. Ali MS, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):586–91

ULNAR NERVE

Vancomycin enhances the neuromuscular blockade of vecuronium. Huang KC, et al. **Anesth Analg** 1990 Aug; 71(2):194–6

ULTRASONIC DIAGNOSIS

Value of sonography in the diagnosis of intracranial hemorrhage and periventricular leukomalacia: a postmortem study of 35 cases. Carson SC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):595–601

Wishing won't make it so: duplex Doppler sonography in the evaluation of renal transplant dysfunction [comment] Grant EG, et al. **AJR Am J Roentgenol** 1990 Sep; 155(3):538–9. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):536–7.

Pyramidal appearance and resistive index: insensitive and nonspecific sonographic indicators of renal transplant rejection [see comments] Kelcz F, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):531–5. Comment in: AJR Am J Roentgenol 1990 Sep;155(3):536–7.

Oriental cholangiohepatitis: sonographic findings in 48 cases. Lim JH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):511–4

Intraoperative sonography of cervical spinal cord injury: results in 30 patients. Mirvis SE, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):603–9

Color Doppler sonography of the hepatic artery and portal venous system. Ralls PW. **AJR Am J Roentgenol** 1990 Sep; 155(3):517–25

Use of Doppler imaging for evaluation of dysfunction in renal allografts [comment] Taylor KJ, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):536–7. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):531–5.

Transvaginal ultrasonographic detection of congenital anomalies in the first trimester. Cullen MT, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):466–76

Ethics and routine ultrasonography in pregnancy [letter] Ewigman B, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):256–8

Endometrial assessment by vaginal ultrasonography before endometrial sampling in patients with postmenopausal bleeding. Goldstein SR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):119–23

Assessment of cerebral hemodynamics in pregnant women by internal carotid artery pulsed Doppler velocimetry. Ikeda T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):494–8

Transabdominal and transvaginal ultrasonography in the diagnosis of ectopic pregnancy: a comparative study. Kivikoski AI, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):123–8

Appropriate screening tests [letter] Nagey DA. **Am J Obstet Gynecol** 1990 Aug;163(2):688–9

Prenatal diagnosis of a chest wall mass with ultrasonography and Doppler velocimetry. A case report. Smith LG Jr, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):567–9

Accuracy of apical four-chamber view as screen for congenital heart disease [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):249–50

Ductus arteriosus flow velocity modulation by fetal breathing movements as a measure of fetal lung development. van Eyck J, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):558–66

Improved patient selection for angioplasty utilizing color Doppler imaging. Collier P, et al. **Am J Surg** 1990 Aug; 160(2):171–4

Reproducibility of cerebral artery Doppler measurements. Moorthy B, et al. **Arch Dis Child** 1990 Jul;65(7 Spec

No):700–1
Symptomatic carotid ischaemic events: safest and most cost effective way of selecting patients for angiography, before carotid endarterectomy. Hankey GJ, et al. **BMJ** 1990 Jun 9;300(6738):1485–91
Audit of amniocentesis [letter] Smoleniec JS, et al. **BMJ** 1990 Jun 16;300(6739):1588
Listeriosis revisited: the role of the obstetrician [letter] Frappell J, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):550–1
Alterations in bladder volume and the ultrasound appearance of the cervix. Mason GC, et al. **Br J Obstet Gynaecol** 1990 May;97(5):457–8
Variation in the measurement of fetal abdominal circumference [letter] Wheeler T, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):549–50
Twenty-first annual meeting of the British Medical Ultrasound Society. Torquay, December 5–7, 1989. Abstracts. **Br J Radiol** 1990 May;63(749):377–407
The ultrasound cystodynamogram—a new radiological technique. Boothroyd AE, et al. **Br J Radiol** 1990 May; 63(749):331–2
Thyroid imaging using positron emission tomography—a comparison with ultrasound imaging and conventional scintigraphy in thyrotoxicosis. Flower MA, et al. **Br J Radiol** 1990 May;63(749):325–30
Total abdominal and pelvic ultrasound: incidental findings and a comparison between outpatient and general practice referrals in 1000 cases [letter] Rizk B, et al. **Br J Radiol** 1990 Jun;63(750):501–2
Can ultrasound replace the intravenous urogram? [letter] Spencer JA, et al. **Br J Radiol** 1990 May;63(749):369
Congenital biliary dilatation: a spectrum of disease detailed by ultrasound. Young W, et al. **Br J Radiol** 1990 May; 63(749):333–6
Prospective study of the value of ultrasound measurements in the diagnosis of acute rejection following renal transplantation. Nicholson ML, et al. **Br J Surg** 1990 Jun; 77(6):656–8
Endoluminal ultrasound for early detection of local recurrence of rectal cancer [letter] Reed MW, et al. **Br J Surg** 1990 Jun;77(6):716
Intravascular ultrasonography versus digital subtraction angiography: a human in vivo comparison of vessel size and morphology. Davidson CJ, et al. **J Am Coll Cardiol** 1990 Sep;16(3):633–6
B-mode ultrasound scanning in the detection of proximal venous thrombosis after total hip replacement. Woolson ST, et al. **J Bone Joint Surg [Am]** 1990 Aug;72(7):983–7
Ultrasound examination of the irritable hip. Bickerstaff DR, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):549–53
Ultrasound measurement of femoral anteversion. Terjesen T, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):726–7
Ultrasound in pregnancy [letter] Smith CB. **J Fam Pract** 1990 Aug;31(2):120–1
Transrectal prostate ultrasonography as a diagnostic and therapeutic aid for ejaculatory duct obstruction. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):356–8
The use of transrectal ultrasound in the detection and evaluation of local pelvic recurrences after a radical urological pelvic operation. Parra RO, et al. **J Urol** 1990 Sep;144(3):707–9
Cystic dilatations within the pelvis in patients with ipsilateral renal agenesis or dysplasia. Sheih CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):324–7
Preliminary report: hepatic vein Doppler in the early diagnosis of acute liver transplant rejection. Coulden RA, et al. **Lancet** 1990 Aug 4;336(8710):273–5
Screening for uterine neoplasms [letter] Cruickshank D, et al. **Lancet** 1990 Sep 1;336(8714):562–3
Vaginal ultrasound and endometrial carcinoma [letter] Leusley DM. **Lancet** 1990 Jul 28;336(8709):256
Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy. The Helsinki Ultrasound Trial. Saari-Kemppainen A, et al. **Lancet** 1990 Aug 18;336(8712):387–91
Comparison of audible sound transmission with ultrasound in screening for congenital dislocation of the hip. Stone MH, et al. **Lancet** 1990 Aug 18;336(8712):421–2
Absence of need for amniocentesis in patients with elevated levels of maternal serum alpha-fetoprotein and normal ultrasonographic examinations. Nadel AS, et al. **N Engl J Med** 1990 Aug 30;323(9):557–61
Comparison of magnetic resonance imaging and ultrasonography in staging early prostate cancer. Results of a multi-institutional cooperative trial. Rifkin MD, et al. **N Engl J Med** 1990 Sep 6;323(10):621–6
Variability of continuous-wave Doppler flow velocity waveform indices from the umbilical artery. Davies JA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):366–9
Sonographic growth measurements in triplet pregnancies [letter] Jones JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):477–8
Diagnosis of vasa previa with transvaginal and color flow Doppler ultrasound. Nelson LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):506–9
Prenatal sonographic findings of Down syndrome: review of 94 cases. Nyberg DA, et al. **Obstet Gynecol** 1990 Sep; 76(3 Pt 1):370–7
A comparison of the ability of a sonographically measured biparietal diameter and the last menstrual period to predict the spontaneous onset of labor. Waldenström U, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):336–8
Maternal obesity: a potential source of error in sonographic prenatal diagnosis. Wolfe HM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):339–42
The pump maneuver: an atraumatic adjunct to enhance US needle tip localization. Bisceglia M, et al. **Radiology** 1990 Sep;176(3):867–8
The pulsatile portal vein in cases of congestive heart failure: correlation of duplex Doppler findings with right atrial pressures. Duerinckx AJ, et al. **Radiology** 1990 Sep; 176(3):655–8
Shoulder impingement syndrome: sonographic evaluation. Farin PU, et al. **Radiology** 1990 Sep;176(3):845–9
Renal artery stenosis: diagnosis with color duplex US [letter] Healy DA, et al. **Radiology** 1990 Sep;176(3):877–8
Renal masses: characterization with Doppler US. Kier R, et al. **Radiology** 1990 Sep;176(3):703–7
Complementary use of Doppler sonography and delayed right lateral scintigraphy for the diagnosis of choledochal cysts. Parvey HR, et al. **South Med J** 1990 Aug;83(8):970–2 (6 ref.)
Compression ultrasonography as a reliable imaging monitor in deep venous thrombosis. Mussurakis S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):233–9

ULTRASONIC THERAPY

Ultrasonic clot disruption: an in vitro study. Hong AS, et al. **Am Heart J** 1990 Aug;120(2):418–22
"Conservative" aortic valve intervention: thwarted again! [editorial; comment] Campbell DB, et al. **J Am Coll Cardiol** 1990 Sep;16(3):631–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):623–30.
Ultrasonic aortic valve decalcification: serial Doppler echocardiographic follow-up [see comments] Freeman WK, et al. **J Am Coll Cardiol** 1990 Sep;16(3):623–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):631–2.
Use of the ultrasonic surgical aspirator in the treatment of a solitary eosinophilic granuloma of the mandible: a case report. Landrito J, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):855–8
In vivo effects of high energy shock waves on urological tumors: an evaluation of treatment modalities. Oosterhof GO, et al. **J Urol** 1990 Sep;144(3):785–9

ULTRASONICS

Ultrasonographic guidance for central venous access [letter] Greenspoon JS. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):252

ULTRAVIOLET RAYS

Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. Oldenburg JB, et al. **Arch Ophthalmol** 1990 Aug;108(8):1142–4
Measuring sunscreen protection against UVA [editorial] **Lancet** 1990 Aug 25;336(8713):472
Ultraviolet light and free radicals: an immunologic theory of epidermal carcinogenesis. Axelrod M, et al. **Plast Reconstr Surg** 1990 Sep;86(3):582–93 (72 ref.)

UMBILICAL ARTERIES

Intrauterine growth retardation and umbilical artery flow [letter] McKnight L. **BMJ** 1990 Jun 9;300(6738):1525
Variability of continuous-wave Doppler flow velocity waveform indices from the umbilical artery. Davies JA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):366–9
Diagnosis of vasa previa with transvaginal and color flow Doppler ultrasound. Nelson LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):506–9
Umbilical venous catheter vs umbilical artery catheter [letter] Kitterman JA. **Pediatrics** 1990 Sep;86(3):495

UMBILICAL CORD

Relationship between the ovine fetal umbilical artery blood flow waveform and umbilical vascular resistance. Irion GL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):222–9

UMBILICAL VEINS

Diagnosis of vasa previa with transvaginal and color flow Doppler ultrasound. Nelson LH, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):506–9
Umbilical venous catheter vs umbilical artery catheter [letter] Kitterman JA. **Pediatrics** 1990 Sep;86(3):495

UNCONSCIOUSNESS

Indirect memory for words presented during anaesthesia [letter] Jelicic M, et al. **Lancet** 1990 Jul 28;336(8709):249

UNITED STATES DEPT. OF HEALTH AND HUMAN SERVICES

Stop restrictive rules on your office lab. Contact HCFA before August 20 [editorial] Griffin GC. **Postgrad Med** 1990 Aug;88(2):15–6

UNITED STATES FOOD AND DRUG ADMINISTRATION

Issues of inspection and safety of seafood examined [letter] Shank FR. **J Am Diet Assoc** 1990 Aug;90(8):1054–5

UNIVERSITIES

Edinburgh is synonymous with medical history [letter] MacLaren IF. **Can Med Assoc J** 1990 Aug 15;143(4):256
Survey of foodservice production forecasting. Repko CJ, et al. **J Am Diet Assoc** 1990 Aug;90(8):1067–71

UP-REGULATION (PHYSIOLOGY)

Growth hormone receptors are up-regulated in diabetic adipocytes. Solomon SS, et al. **Endocrinology** 1990 Sep; 127(3):1544–6

URBAN POPULATION

City directories as sources for survey work in low- and middle-income black communities. Stanek EJ 3d, et al. **Am J Public Health** 1990 Sep;80(9):1125–6
Urban angina, urban arrhythmias: carbon monoxide and the heart [editorial; comment] Walden SM, et al. **Ann Intern Med** 1990 Sep 1;113(5):337–8. Comment on: Ann Intern Med 1990 Sep 1;113(5):343–51.

UREA

Urea protects Helicobacter (Campylobacter) pylori from the bactericidal effect of acid. Marshall BJ, et al. **Gastroenterology** 1990 Sep;99(3):697–702
Increased amino acid clearance and urea synthesis in a patient with glucagonoma. Almdal TP, et al. **Gut** 1990 Aug; 31(8):946–8

UREMIA

Hypogammaglobulinemia in uremic infants receiving peritoneal dialysis. Katz A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):258–61

URETER

Left retrocaval ureter associated with left inferior vena cava. Pierro JA, et al. **AJR Am J Roentgenol** 1990 Sep; 155(3):545–6
The unsuspected double collecting system on imaging studies and at cystoscopy. Share JC, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):561–4
The importance of visualizing the ureter before performing a pyeloplasty. Cockrell SN, et al. **J Urol** 1990 Aug;144(2 Pt 2):588–92; discussion 593–4
Endoscopic correction of vesicoureteral reflux: our experience with 115 ureters. Farkas A, et al. **J Urol** 1990 Aug;144(2 Pt 2):534–6; discussion 545
Ureteroscopy in children. Hill DE, et al. **J Urol** 1990 Aug; 144(2 Pt 2):481–3; discussion 492–3
Endourological management of ureteral strictures. Netto Júnior NR, et al. **J Urol** 1990 Sep;144(3):631–4
Ureteral tailoring: a comparison of wedge resection with infolding. Parrott TS, et al. **J Urol** 1990 Aug;144(2 Pt 1):328–9

URETERAL CALCULI

Percutaneous antegrade fiberoptic ureterorenoscopic treatment of ureteral calculi. Berkhoff WB, et al. **J Urol** 1990 Sep;144(3):628–30
Endoscopic manipulation of ureteral calculi in children by rigid operative ureterorenoscopy. Caione P, et al. **J Urol** 1990 Aug;144(2 Pt 2):484–5; discussion 492–3
In situ extracorporeal shock wave lithotripsy for ureteral calculi. Rodrigues Netto Júnior N, et al. **J Urol** 1990 Aug; 144(2 Pt 1):253–4
Experience with the Dornier HM4 and MPL 9000 lithotriptors in urinary stone treatment. Tailly GG. **J Urol** 1990 Sep;144(3):622–7

URETERAL DISEASES

Ureteral tailoring: a comparison of wedge resection with infolding. Parrott TS, et al. **J Urol** 1990 Aug;144(2 Pt 1):328–9
Alveolar echinococcosis with involvement of the ureter and testis. Strohmaier WL, et al. **J Urol** 1990 Sep;144(3):733–4

URETERAL OBSTRUCTION

Multiple myeloma of the bladder and vagina. Weide R, et al. **Cancer** 1990 Sep 1;66(5):989–91
Percutaneous balloon dilation of ureteral strictures after failed surgical repair in children. Aliabadi H, et al. **J Urol** 1990 Aug;144(2 Pt 2):486–8; discussion 492–3
Re: Nonintubated Anderson-Hynes repair of ureteropelvic junction obstruction in 60 patients [letter] Cherrie RJ. **J Urol** 1990 Aug;144(2 Pt 1):364
Ureteronephroscopic endopyelotomy. Clayman RV, et al. **J Urol** 1990 Aug;144(2 Pt 1):246–51; discussion 251–2
Endourological management of ureteral strictures. Netto Júnior NR, et al. **J Urol** 1990 Sep;144(3):631–4

The effect of protein intake on the lifelong changes in renal function of rats with a solitary kidney damaged at young age. Provoost AP, et al. **J Urol** 1990 Aug;144(2 Pt 2):567–73; discussion 593–4
Experimental ureteral obstruction in the fetal opossum. I. Renal functional assessment. Steinhardt G, et al. **J Urol** 1990 Aug;144(2 Pt 2):564–6; discussion 593–4
Anti-glomerular basement membrane disease after renal obstruction [letter] Weber M, et al. **Lancet** 1990 Aug 25; 336(8713):512–3

URETHANE

Somatostatin monoclonal antibody immunoneutralization increases gastrin and gastric acid secretion in urethane-anesthetized rats. Yang H, et al. **Gastroenterology** 1990 Sep;99(3):659–65

URETHRA

The perurethral technique for ultrasound directed follicle aspiration in an in-vitro fertilization and embryo transfer programme: a report of 636 patient cycles. Booker M, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):499–505
Modification by sialic acid of Neisseria gonorrhoeae lipooligosaccharide epitope expression in human urethral exudates: an immunoelectron microscopic analysis. Apicella MA, et al. **J Infect Dis** 1990 Aug;162(2):506–12
Urethrectomy with preservation of potency. Brendler CB, et al. **J Urol** 1990 Aug;144(2 Pt 1):270–3
Impotence following delayed repair of prostatomembranous urethral disruption. Dhabuwala CB, et al. **J Urol** 1990 Sep; 144(3):677–8
Management of urinary incontinence by bladder tube urethral lengthening and submucosal reimplantation. Nill TG, et al. **J Urol** 1990 Aug;144(2 Pt 2):559–61; discussion 562–3
Experience with 81, 1-stage hypospadias/chordee repairs with free graft urethroplasties. Rober PE, et al. **J Urol** 1990 Aug;144(2 Pt 2):526–9; discussion 530
Fetal bladder histology in posterior urethral valves and the prune belly syndrome. Workman SJ, et al. **J Urol** 1990 Aug;144(2 Pt 1):337–9
Treatment of posterior hypospadias by the autologous graft of cultured urethral epithelium. Romagnoli G, et al. **N Engl J Med** 1990 Aug 23;323(8):527–30

URETHRAL DISEASES

Single stage hypospadias reconstruction without fistula. Kass EJ, et al. **J Urol** 1990 Aug;144(2 Pt 2):520–2; discussion 530

URETHRAL NEOPLASMS

Urethral recurrence following radical cystectomy. Hardeman SW, et al. **J Urol** 1990 Sep;144(3):666–9

URETHRAL OBSTRUCTION

Prolonged recovery of renal function after prostatectomy for prostatic outflow obstruction. Ghose RR. **BMJ** 1990 May 26;300(6736):1376–7
Rupture of ileal neobladder due to urethral obstruction by mucous plug. Haupt G, et al. **J Urol** 1990 Sep;144(3):740–1

URINARY CALCULI

Effects of magnesium salts in preventing experimental oxalate urolithiasis in rats. Ogawa Y, et al. **J Urol** 1990 Aug;144(2 Pt 1):385–9
Extracorporeal shock wave lithotripsy of urinary calculi. Theory, efficacy, and adverse effects. Kelley JM. **West J Med** 1990 Jul;153(1):65–9 (55 ref.)

URINARY CATHETERIZATION

Penile advancement and lengthening in spinal cord injury patients with retracted phallus who have failed penile prosthesis placement alone. Kabalin JN, et al. **J Urol** 1990 Aug;144(2 Pt 1):316–8
Bacterial adherence to urethral catheters. Roberts JA, et al. **J Urol** 1990 Aug;144(2 Pt 1):264–9

URINARY DIVERSION

Is evaluation of the right colon necessary prior to cecocystoplasty? Beshai AZ, et al. **J Urol** 1990 Aug;144(2 Pt 1):359–61
Rupture of ileal neobladder due to urethral obstruction by mucous plug. Haupt G, et al. **J Urol** 1990 Sep;144(3):740–1
Current status of tumor of the bowel following ureterosigmoidostomy: a review. Husmann DA, et al. **J Urol** 1990 Sep;144(3):607–10 (28 ref.)
Continent urinary reservoirs in pediatric urological practice. Leonard MP, et al. **J Urol** 1990 Aug;144(2 Pt 1):330–3
The functional rectal bladder—prevention of hyperchloremic acidosis following vesico-sigmoidostomy in dogs. Miller K, et al. **J Urol** 1990 Aug;144(2 Pt 1):375–80
Failure of combined supratrigonal cystectomy and Mainz ileocecocystoplasty in intractable interstitial cystitis: is histology and mast cell count a reliable predictor for the outcome of surgery? Nielsen KK, et al. **J Urol** 1990 Aug; 144(2 Pt 1):255–8; discussion 258–9
Technical aid for the complete removal of ureterointestinal anastomoses. Phillips TH, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):163–4

URINARY FISTULA

Single stage hypospadias reconstruction without fistula. Kass EJ, et al. **J Urol** 1990 Aug;144(2 Pt 2):520–2; discussion 530

URINARY INCONTINENCE

Detrusor instability—current management. Cardozo L. **Br J Obstet Gynaecol** 1990 Jun;97(6):463–6 (15 ref.)
The treatment of detrusor instability in post-menopausal women with oxybutynin chloride: a double blind placebo controlled study. Tapp AJ, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):521–6
Periurethral and puboprostatic sling repair for incontinence in patients with myelodysplasia. Elder JS. **J Urol** 1990 Aug; 144(2 Pt 2):434–7; discussion 443–4
Prostate cancer: post-irradiation incontinence. Green N, et al. **J Urol** 1990 Aug;144(2 Pt 1):307–9
Effects of the artificial urinary sphincter on prostatic development and sexual function in pubertal boys with meningomyelocele. Jumper BM, et al. **J Urol** 1990 Aug; 144(2 Pt 2):438–42; discussion 443–4
Occult spinal dysraphism: clinical and urodynamic outcome after division of the filum terminale. Khoury AE, et al. **J Urol** 1990 Aug;144(2 Pt 2):426–8; discussion 428–9, 443–4
Post-prostatectomy urinary incontinence: response to behavioral training. Meaglia JP, et al. **J Urol** 1990 Sep; 144(3):674–6
Cloacal exstrophy reconstruction for urinary continence. Mitchell ME, et al. **J Urol** 1990 Aug;144(2 Pt 2):554–8; discussion 562–3
Management of urinary incontinence by bladder tube urethral lengthening and submucosal reimplantation. Nill TG, et al. **J Urol** 1990 Aug;144(2 Pt 2):559–61; discussion 562–3
Application of the AS-800 artificial sphincter for intractable urinary incontinence in females. Parulkar BG, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):131–8

URINARY INCONTINENCE, STRESS

Retropubic long-needle suspension procedures for stress urinary incontinence. Varner RE. **Am J Obstet Gynecol** 1990 Aug;163(2):551–7
The loop-loosening procedure for urination difficulties after Stamey suspension of the vesical neck. Araki T, et al. **J Urol** 1990 Aug;144(2 Pt 1):319–22; discussion 322–3
Voiding dysfunction following cystourethropexy: its evaluation and management. Webster GD, et al. **J Urol** 1990 Sep;144(3):670–3

URINARY TRACT

Cloacal exstrophy reconstruction for urinary continence. Mitchell ME, et al. **J Urol** 1990 Aug;144(2 Pt 2):554–8; discussion 562–3

URINARY TRACT INFECTIONS

Management of urinary tract infection and vesicoureteric reflux in children. 1. Operative treatment has no advantage over medical management. White RH. **BMJ** 1990 May 26; 300(6736):1391–2 (9 ref.)
Can ultrasound replace the intravenous urogram? [letter] Spencer JA, et al. **Br J Radiol** 1990 May;63(749):369
Corynebacteria as urinary pathogens [letter] Maskell R, et al. **J Infect Dis** 1990 Sep;162(3):781–2
Norwich-Eaton lectureship. Pathogenesis of nonobstructive urinary tract infections in children. Roberts JA. **J Urol** 1990 Aug;144(2 Pt 2):475–9; discussion 480
Association of type 1 blood group antigens with urinary tract infections in children with genitourinary structural abnormalities. Sheinfeld J, et al. **J Urol** 1990 Aug;144(2 Pt 2):469–73; discussion 474
Postcoital antimicrobial prophylaxis for recurrent urinary tract infection. A randomized, double-blind, placebo-controlled trial. Stapleton A, et al. **JAMA** 1990 Aug 8;264(6):703–6
Significance of crystal clear urine [letter] **Lancet** 1990 Aug 4;336(8710):320–1
Urinary tract infections in febrile infants younger than 8 weeks of age. Crain EF, et al. **Pediatrics** 1990 Sep; 86(3):363–7

URINATION

Principles and clinical application of advanced urodynamic analysis of voiding function. Schäfer W. **Urol Clin North Am** 1990 Aug;17(3):553–66 (24 ref.)
Radical retropubic prostatectomy. Improved anastomosis and urinary continence. Walsh PC, et al. **Urol Clin North Am** 1990 Aug;17(3):679–84

URINATION DISORDERS

The ultrasound cystodynamogram—a new radiological technique. Boothroyd AE, et al. **Br J Radiol** 1990 May; 63(749):331–2
The loop-loosening procedure for urination difficulties after Stamey suspension of the vesical neck. Araki T, et al. **J Urol** 1990 Aug;144(2 Pt 1):319–22; discussion 322–3
Voiding dysfunction following cystourethropexy: its evaluation and management. Webster GD, et al. **J Urol** 1990 Sep;144(3):670–3
Clinical manifestations of benign prostatic hyperplasia and indications for therapeutic intervention. Christensen MM, et al. **Urol Clin North Am** 1990 Aug;17(3):509–16 (54 ref.)

URINE

When laboratory tests are abnormal and the patient feels fine. Shulkin DJ, et al. **Hosp Pract [Off]** 1990 Jul 15;25(7):85–6, 89–90, 92
Bacteriostatic and bactericidal actions of boric acid against bacteria and fungi commonly found in urine. Meers PD, et al. **J Clin Pathol** 1990 Jun;43(6):484–7
Routine admission urinalysis examination in pediatric patients: a poor value. Mitchell N, et al. **Pediatrics** 1990 Sep;86(3):345–9

URODYNAMICS

Multichannel urodynamic studies in men with benign prostatic hyperplasia. Indications and interpretation. Blaivas JG. **Urol Clin North Am** 1990 Aug;17(3):543–52 (34 ref.)
Principles and clinical application of advanced urodynamic analysis of voiding function. Schäfer W. **Urol Clin North Am** 1990 Aug;17(3):553–66 (24 ref.)
Interpretation of urinary flow rates. Siroky MB. **Urol Clin North Am** 1990 Aug;17(3):537–42 (16 ref.)

UROGENITAL NEOPLASMS

This month in investigative urology: Multidrug resistance in genitourinary malignancy [comment] Weiss GH, et al. **J Urol** 1990 Sep;144(3):754. Comment on: J Urol 1990 Sep;144(3):755–9.

UROGENITAL SYSTEM

Association of type 1 blood group antigens with urinary tract infections in children with genitourinary structural abnormalities. Sheinfeld J, et al. **J Urol** 1990 Aug;144(2 Pt 2):469–73; discussion 474

UROGRAPHY

Can ultrasound replace the intravenous urogram? [letter] Spencer JA, et al. **Br J Radiol** 1990 May;63(749):369

UROKINASE

Unstable angina or non-Q wave infarction despite long-term aspirin: response to thrombolytic therapy with implications on mechanisms. Schreiber TL, et al. **Am Heart J** 1990 Aug; 120(2):248–55
Treatment of acute vascular occlusions with intra-arterial urokinase. Eisenbud DE, et al. **Am J Surg** 1990 Aug; 160(2):160–4; discussion 164–5
Acute coronary occlusion after recent coronary angioplasty. Association with exercise and successful treatment with intracoronary thrombolysis. Bedogni F, et al. **Chest** 1990 Aug;98(2):505–7
Coronary reperfusion studies with pro-urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. Kasper W, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):733–8
Intraoperative intra-arterial urokinase infusion as an adjunct to Fogarty catheter embolectomy in acute arterial occlusion. Garcia R, et al. **Surg Gynecol Obstet** 1990 Sep; 171(3):201–5

UROLOGIC DISEASES

Papers presented at the annual meeting of the Section of Urology, American Academy of Pediatrics. Chicago, Illinois, October 21-23,1989. **J Urol** 1990 Aug;144(2 Pt 2):413–606
Monitoring renal function in children with urological abnormalities. Chandhoke PS, et al. **J Urol** 1990 Aug;144(2 Pt 2):601–5; discussion 606
Amphotericin B in urological practice. Wise GJ. **J Urol** 1990 Aug;144(2 Pt 1):215–23 (117 ref.)
Lasers in urology. Mackety CJ. **Nurs Clin North Am** 1990 Sep;25(3):697–709 (8 ref.)

UROLOGIC NEOPLASMS

Usefulness and limitations of methotrexate, vinblastine, doxorubicin and cisplatin for the treatment of advanced urothelial cancer. Igawa M, et al. **J Urol** 1990 Sep; 144(3):662–5
Re: Impact of endourology on diagnosis and management of upper urinary tract urothelial cancer [letter] Martínez-Piñeiro JA. **J Urol** 1990 Sep;144(3):750

UROLOGY

American Urological Association survey of transurethral prostatectomy and the impact of changing medicare reimbursement. Holtgrewe HL. **Urol Clin North Am** 1990

Aug;17(3):587–93

URTICARIA

Strongyloides stercoralis. The cause of an urticarial-like eruption of 65 years' duration. Leighton PM, et al. **Arch Intern Med** 1990 Aug;150(8):1747–8

Regional expression of cold urticaria. Kurtz AS, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):272–3

URTICARIA PIGMENTOSA

Familial urticaria pigmentosa. Clark DP, et al. **Arch Intern Med** 1990 Aug;150(8):1742–4

UTERINE CONTRACTION

Alteration of 24-hour rhythms in myometrial activity in the chronically catheterized pregnant rhesus monkey after a 6-hour shift in the light-dark cycle. Figueroa JP, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):648–54

Gestational changes in mechanical properties of skinned muscle tissues of human myometrium. Izumi H, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):638–47

A new tocolytic agent: development of an oxytocin antagonist for inhibiting uterine contractions. Wilson L Jr, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):195–202

Myometrial oxytocin receptors levels in the pregnant rat are higher in distal than in proximal portions of the horn and correlate with disparate oxytocin responsive myometrial contractility in these segments. Gorodeski GI, et al. **Endocrinology** 1990 Sep;127(3):1136–43

UTERINE DISEASES

Studies of the spontaneous motility and the effect of histamine on isolated myometrial strips of the nonpregnant human uterus: the influence of various uterine abnormalities. Martinez-Mir I, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):189–95

Large intrauterine haematoma in threatened miscarriage. Frequency and clinical consequences [letter] Oláh KS, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):552–3

UTERINE HEMORRHAGE

Endometrial assessment by vaginal ultrasonography before endometrial sampling in patients with postmenopausal bleeding. Goldstein SR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):119–23

Vaginal bleeding and tretinoin cream [letter] Meurehg CC, et al. **Ann Intern Med** 1990 Sep 15;113(6):483

Planned trial of transcervical resection of the endometrium versus hysterectomy [letter] Stirrat GM, et al. **Br J Obstet Gynaecol** 1990 May;97(5):459

UTERINE NEOPLASMS

Differential diagnosis between complete mole and hydropic abortus by deoxyribonucleic acid fingerprints. Nobunaga T, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):634–8

Discrepancy in the diagnoses of hydatidiform mole by macroscopic and microscopic findings and the deoxyribonucleic acid fingerprint method. Takahashi H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):112–3

Flow cytometric quantitation of tumor-associated antigens in solid tumors [letter] van Dam PA, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):698–9

Angiotrophic lymphoma. Presentation in uterine vessels with cytogenetic studies. Davey DD, et al. **Arch Pathol Lab Med** 1990 Aug;114(8):879–82

Treatment with GnRH agonists before myomectomy and the risk of short-term myoma recurrence. Fedele L, et al. **Br J Obstet Gynaecol** 1990 May;97(5):393–6

Recurrent gestational trophoblastic disease. Experience of the Southeastern Regional Trophoblastic Disease Center. Mutch DG, et al. **Cancer** 1990 Sep 1;66(5):978–82

Epidermal growth factor (EGF) receptors in human chorionic gonadotropin-producing tumor: transplantation in nude mice and the effect of EGF on tumor growth. Miyachi Y, et al. **J Clin Endocrinol Metab** 1990 Aug; 71(2):329–34

AgNOR counts in intraendometrial neoplasia [letter] Hansen A, et al. **J Clin Pathol** 1990 Jun;43(6):518–9

Adenoacanthoma of the endometrium: morphological changes induced by human papillomavirus. Kealy WF, et al. **J Clin Pathol** 1990 Jul;43(7):554–9

Screening for uterine neoplasms [letter] Cruickshank D, et al. **Lancet** 1990 Sep 1;336(8714):562–3

Vaginal ultrasound and endometrial carcinoma [letter] Leusley DM. **Lancet** 1990 Jul 28;336(8709):256

Ileal hemorrhage caused by a parasitic uterine leiomyoma. Rader JS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):531–4

The secretion of insulin-like growth factors I and II by explant cultures of fibroids and myometrium from women treated with a gonadotropin-releasing hormone agonist. Rein MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):388–94

Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Suginami H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):527–9

Pelvic masses in pregnancy: MR imaging. Kier R, et al. **Radiology** 1990 Sep;176(3):709–13

Pathophysiology and management of endometrial hyperplasia and carcinoma [see comments] Fu YS, et al. **West J Med** 1990 Jul;153(1):50–61 (125 ref.). Comment in: West J Med 1990 Jul;153(1):78–9.

Endometrial cancer—the high-risk early-stage patient [editorial; comment] Morrow CP. **West J Med** 1990 Jul; 153(1):78–9. Comment on: West J Med 1990 Jul;153(1):50–61.

UTERINE PROLAPSE

Blunt trauma of uterovaginal and vesical prolapse with associated bladder rupture. Miller CG, et al. **J Urol** 1990 Aug;144(2 Pt 1):348–50

UTERINE RUPTURE

Rupture of unscarred uterus in primigravid woman in association with cocaine abuse. Gonsoulin W, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):526–7

UTERUS

Modified laparoscopy for monitoring transcervical surgery [letter] Lin BL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):243–4

Uterine artery Doppler in the investigation of pregnancies with raised maternal serum alpha-fetoprotein. Aristidou A, et al. **Br J Obstet Gynaecol** 1990 May;97(5):431–5

Relation between maternal-to-fetal blood glucose gradient and uterine and umbilical Doppler blood flow measurements. Economides DL, et al. **Br J Obstet Gynaecol** 1990 Jun;97(6):543–4

Oestrogens, arterial status, and postmenopausal women [letter] Stones RW. **Lancet** 1990 Aug 4;336(8710):311–2

The secretion of insulin-like growth factors I and II by explant cultures of fibroids and myometrium from women treated with a gonadotropin-releasing hormone agonist. Rein MS, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):388–94

Genital outflow tract obstruction in an adolescent with cloacal exstrophy. Visnesky PM, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):548–51

Müllerian duct anomalies: MR imaging evaluation. Carrington BM, et al. **Radiology** 1990 Sep;176(3):715–20

UVEAL NEOPLASMS

Breast carcinoma metastatic to the uvea. Catalano RA, et al. **JAMA** 1990 Aug 22–29;264(8):1032

UVEITIS

Ab interno laser sclerostomy in aphakic patients with glaucoma and chronic inflammation. Wilson RP, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):178–84

UVEITIS, POSTERIOR

Cellular immune responses of patients with uveitis to retinal antigens and their fragments. de Smet MD, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):135–42

VACCINATION

Achieving the national health objective for influenza immunization: success of an institution-wide vaccination program. Nichol KL, et al. **Am J Med** 1990 Aug; 89(2):156–60

Predictors of vaccination behavior among persons ages 65 years and older. Stehr-Green PA, et al. **Am J Public Health** 1990 Sep;80(9):1127–9

Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Maddox PR, et al. **Br J Surg** 1990 Jul;77(7):809–10

Statement on vaccination of children with inadequate immunization records. **Can Med Assoc J** 1990 Aug 15; 143(4):291–2

Of underimmunization and underfunding [editorial] Plotkin SA. **Hosp Pract [Off]** 1990 Jul 15;25(7):9, 13

Hospital-based pneumococcal immunization. Epidemiologic rationale from the Shenandoah study [see comments] Fedson DS, et al. **JAMA** 1990 Sep 5;264(9):1117–22. Comment in: JAMA 1990 Sep 5;264(9):1154–5.

Pneumococcal immunization: from policy to practice [editorial; comment] Schwartz B, et al. **JAMA** 1990 Sep 5;264(9):1154–5. Comment on: JAMA 1990 Sep 5;264(9):1117–22.

New York law requires treatment of some but not all hepatitis B-exposed newborns [news] Skolnick A. **JAMA** 1990 Sep 12;264(10):1234

Visiting and immunisation policies on a regional neonatal unit [letter] Blake KD, et al. **Lancet** 1990 Aug 4; 336(8710):308–9

Survival after rabies immunisation in newborn infant of affected mother [letter] Lumbiganon P, et al. **Lancet** 1990 Aug 4;336(8710):319

Symptoms of reactogenicity in field trial of oral cholera vaccine [letter] Markman B. **Lancet** 1990 Aug 4; 336(8710):320

VACCINES

Renal pathology in owl monkeys in Plasmodium falciparum vaccine trials. Iseki M, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):130–8

Of underimmunization and underfunding [editorial] Plotkin SA. **Hosp Pract [Off]** 1990 Jul 15;25(7):9, 13

Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. Bessen D, et al. **J Immunol** 1990 Aug 15;145(4):1251–6

Paramyosin as helminth vaccine candidate [letter] Kantha SS. **Lancet** 1990 Aug 4;336(8710):320

Effect of breast-feeding on antibody response to conjugate vaccine. Pabst HF, et al. **Lancet** 1990 Aug 4; 336(8710):269–70

VACCINES, INACTIVATED

Symptoms of reactogenicity in field trial of oral cholera vaccine [letter] Markman B. **Lancet** 1990 Aug 4; 336(8710):320

VACCINIA VIRUS

Production and characterisation of a monoclonal antibody to human papillomavirus type 16 using recombinant vaccinia virus. McLean CS, et al. **J Clin Pathol** 1990 Jun; 43(6):488–92

VAGINA

Perineal, vulval and vaginoperineal reconstruction using the rectus abdominis myocutaneous flap. Skene AI, et al. **Br J Surg** 1990 Jun;77(6):635–7

Expression of epidermal growth factor receptor and HER-2/neu in normal and neoplastic cervix, vulva, and vagina. Berchuck A, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):381–7

VAGINAL NEOPLASMS

Multiple myeloma of the bladder and vagina. Weide R, et al. **Cancer** 1990 Sep 1;66(5):989–91

Human papillomavirus DNA in invasive carcinoma of the vagina. Ikenberg H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):432–8

White sponge nevus. Nichols GE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):545–8

VAGINAL SMEARS

Cervical screening in general practice: a "new" scenario. Chomet J, et al. **BMJ** 1990 Jun 9;300(6738):1504–6

Cervical cytology. Hudson E. **BMJ** 1990 May 26; 300(6736):1353–4 (6 ref.)

Cervical cancers diagnosed after negative results on cervical cytology: perspective in the 1980s. Mitchell H, et al. **BMJ** 1990 Jun 23;300(6740):1622–6

Nonisotopic human papillomavirus DNA typing of cervical smears obtained at the initial colposcopic examination. Duggan MA, et al. **Cancer** 1990 Aug 15;66(4):745–51

The Bethesda System for cervical/vaginal cytologic diagnoses: a note of caution [editorial] Herbst AL. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):449–50

VAGINITIS

A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Barbone F, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):510–4

Bacterial vaginosis: diagnostic and pathogenetic findings during topical clindamycin therapy. Livengood CH 3d, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):515–20

Microbiologic efficacy of intravaginal clindamycin cream for the treatment of bacterial vaginosis. Hillier S, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):407–13

VAGOTOMY

Effects of carotid occlusion and angiotensin II on vasopressin secretion in intact and vagotomized conscious rabbits. Hreash F, et al. **Endocrinology** 1990 Sep;127(3):1160–6

Transabdominal suprahepatic approach to repeat vagotomy after proximal gastric vagotomy. Barroso FL, et al. **Surg Gynecol Obstet** 1990 Aug;171(2):167–8

VAGOTOMY, PROXIMAL GASTRIC

Effects of highly selective vagotomy on gastric myoelectrical activity. An electrogastrographic study. Geldof H, et al. **Dig Dis Sci** 1990 Aug;35(8):969–75

VAGUS NERVE

Effects of azelastine on vagal neuroeffector transmission in canine and human airway smooth muscle. Aizawa H, et al. **J Allergy Clin Immunol** 1990 Aug;86(2):171–6

Arrhythmia due to hypervagotonia in a fit pharmacology volunteer [letter] Cutler NR, et al. **Lancet** 1990 Sep 1; 336(8714):567

Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. Riggs JE. **South Med J** 1990 Aug;83(8):955–6

VALPROATE

Valproic acid for the treatment of children with mental retardation and mood symptomatology. Kastner T, et al. **Pediatrics** 1990 Sep;86(3):467-72

VANCOMYCIN

Vancomycin enhances the neuromuscular blockade of vecuronium. Huang KC, et al. **Anesth Analg** 1990 Aug; 71(2):194-6

Successful use of vancomycin hydrochloride in the treatment of lactulose resistant chronic hepatic encephalopathy. Tarao K, et al. **Gut** 1990 Jun;31(6):702-6

VARIATION (GENETICS)

Idiotope structure and genetic diversity in anti-streptococcal group A carbohydrate antibodies. Phillips NJ, et al. **J Immunol** 1990 Aug 1;145(3):915-24

VARICELLA-ZOSTER VIRUS

Subclass distribution of the serum and intrathecal IgG antibody response in varicella-zoster virus infections. Echevarría JM, et al. **J Infect Dis** 1990 Sep;162(3):621-6

Antibodies to varicella-zoster virus glycoproteins I, II, and III in leukemic and healthy children. LaRussa PS, et al. **J Infect Dis** 1990 Sep;162(3):627-33

Latent varicella-zoster viral DNA in human trigeminal and thoracic ganglia. Mahalingam R, et al. **N Engl J Med** 1990 Sep 6;323(10):627-31

VARICOCELE

The effect of experimental varicocele on the testis of adolescent rats. Choi H, et al. **J Urol** 1990 Aug;144(2 Pt 2):499-501; discussion 512-3

Significance of intraoperative venographic patterns on the postoperative recurrence and surgical incision placement of pediatric varicoceles. Gill B, et al. **J Urol** 1990 Aug; 144(2 Pt 2):502-5; discussion 512-3

VARICOSE VEINS

Varicose veins [letter] Bentley PG. **BMJ** 1990 Jun 16; 300(6739):1586

VAS DEFERENS

Abnormal distribution of CF delta F508 allele in azoospermic men with congenital aplasia of epididymis and vas deferens [letter] Dumur V, et al. **Lancet** 1990 Aug 25;336(8713):512

VASCULAR DISEASES

Treatment of acute vascular occlusions with intra-arterial urokinase. Eisenbud DE, et al. **Am J Surg** 1990 Aug; 160(2):160-4; discussion 164-5

Efficacy of home health care in patients with peripheral vascular disease. Hollier LH, et al. **Am J Surg** 1990 Aug; 160(2):179-81

Fate of the exposed saphenous vein graft. Ouriel K, et al. **Am J Surg** 1990 Aug;160(2):148-50

Reversal of protamine-induced catastrophic pulmonary vasoconstriction by prostaglandin E1. Whitman GJ, et al. **Ann Thorac Surg** 1990 Aug;50(2):303-5

Initial trial of argon ion laser endarterectomy for peripheral vascular disease. Eugene J, et al. **Arch Surg** 1990 Aug; 125(8):1007-10; discussion 1010-1

Intraoperative autotransfusion in vascular surgery. Reddy DJ, et al. **Arch Surg** 1990 Aug;125(8):1012-5; discussion 1015-6

VASCULAR PATENCY

GISSI-2 and the heparin controversy. White HD. **Lancet** 1990 Aug 4;336(8710):297-8

Compression ultrasonography as a reliable imaging monitor in deep venous thrombosis. Mussurakis S, et al. **Surg Gynecol Obstet** 1990 Sep;171(3):233-9

VASCULAR RESISTANCE

Relationship between the ovine fetal umbilical artery blood flow waveform and umbilical vascular resistance. Irion GL, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):222-9

Effects of nitrendipine and hypoxia on pulmonary vascular resistance in experimental emphysema. Rubin LJ, et al. **Am Rev Respir Dis** 1990 Sep;142(3):625-30

Decreased vascular compliance after reimplantation of the left lower lobe in young pigs. Johnson AM, et al. **Ann Thorac Surg** 1990 Aug;50(2):277-80

Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women [see comments] Zemel MB, et al. **N Engl J Med** 1990 Aug 16;323(7):434-8. Comment in: N Engl J Med 1990 Aug 16;323(7):478-80.

VASCULAR SURGERY

Usefulness of semiquantitative analysis of dipyridamole-thallium-201 redistribution for improving risk stratification before vascular surgery. Levinson JR, et al. **Am J Cardiol** 1990 Aug 15;66(4):406-10

Carotid artery reconstruction following extracorporeal membrane oxygenation. Crombleholme TM, et al. **Am J Dis Child** 1990 Aug;144(8):872-4

Effect of a failed distal reconstruction on the level of amputation. Evans WE, et al. **Am J Surg** 1990 Aug; 160(2):217-20

Avoiding coagulopathy in vascular surgery. Tawes RL Jr, et al. **Am J Surg** 1990 Aug;160(2):212-6

Challenges. Tawes RL Jr. **Am J Surg** 1990 Aug;160(2):146-7

Intraoperative autotransfusion in vascular surgery. Reddy DJ, et al. **Arch Surg** 1990 Aug;125(8):1012-5; discussion 1015-6

VASCULITIS

The American College of Rheumatology 1990 criteria for the classification of vasculitis. Patients and methods. Bloch DA, et al. **Arthritis Rheum** 1990 Aug;33(8):1068-73

Statistical approaches to classification. Methods for developing classification and other criteria rules. Bloch DA, et al. **Arthritis Rheum** 1990 Aug;33(8):1137-44

The American College of Rheumatology 1990 criteria for the classification of hypersensitivity vasculitis. Calabrese LH, et al. **Arthritis Rheum** 1990 Aug;33(8):1108-13

The American College of Rheumatology 1990 criteria for the classification of vasculitis. Summary. Fries JF, et al. **Arthritis Rheum** 1990 Aug;33(8):1135-6

The American College of Rheumatology 1990 criteria for the classification of vasculitis. Introduction. Hunder GG, et al. **Arthritis Rheum** 1990 Aug;33(8):1065-7

Illustrated histopathologic classification criteria for selected vasculitis syndromes. American College of Rheumatology Subcommittee on Classification of Vasculitis. Lie JT. **Arthritis Rheum** 1990 Aug;33(8):1074-87

Association of autoantibodies to myeloperoxidase with different forms of vasculitis. Tervaert JW, et al. **Arthritis Rheum** 1990 Aug;33(8):1264-72

Vasculitis in tuberculous infection [letter] Chan HS, et al. **Chest** 1990 Aug;98(2):511

VASECTOMY

The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. Belker AM, et al. **J Urol** 1990 Aug;144(2 Pt 1):284-6

Vasectomy: an appraisal for the obstetrician-gynecologist. Peterson HB, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):568-72 (34 ref.)

VASOACTIVE INTESTINAL PEPTIDE

Vasoactive intestinal polypeptide levels in sigmoid colon in idiopathic constipation and diverticular disease. Milner P, et al. **Gastroenterology** 1990 Sep;99(3):666-75

Affinity chromatography of catalytic autoantibody to vasoactive intestinal peptide. Paul S, et al. **J Immunol** 1990 Aug 15;145(4):1196-9

VASOCONSTRICTION

Perinatal hypoxia increases hypoxic pulmonary vasoconstriction in adult rats recovering from chronic exposure to hypoxia. Hampl V, et al. **Am Rev Respir Dis** 1990 Sep;142(3):619-24

Enhancement of hypoxic pulmonary vasoconstriction by metabolic acidosis in dogs. Lejeune P, et al. **Anesthesiology** 1990 Aug;73(2):256-64

VASOCONSTRICTOR AGENTS

Pharmacological regulation of the circulation of bone. Brinker MR, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):964-75

VASODILATION

Blood flow velocity and pulsatile diameter changes in the fetal descending aorta: a longitudinal study. Stale H, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):26-9

Ischemia-reperfusion impairs endothelium-dependent relaxation of coronary microvessels but does not affect large arteries. Quillen JE, et al. **Circulation** 1990 Aug; 82(2):586-94

The effects of adenosine on chest pain and coronary dilation [letter] Sylvén C, et al. **Circulation** 1990 Aug;82(2):662-3

Enhanced production of endothelium-derived contracting factor by endothelial cells subjected to pulsatile stretch. Sumpio BE, et al. **Surgery** 1990 Aug;108(2):277-81; discussion 281-2

VASODILATOR AGENTS

Vasodilators have not been shown to be of value in all patients with chronic congestive heart failure due to left ventricular systolic dysfunction. Kulick DL, et al. **Am J Cardiol** 1990 Aug 15;66(4):435-8 (33 ref.)

Pulmonary veno-occlusive disease and its response to vasodilator agents. Palevsky HI, et al. **Am Rev Respir Dis** 1990 Aug;142(2):426-9

Attenuated vasodilator responses to $Mg2+$ in young patients with borderline hypertension. Fujita T, et al. **Circulation** 1990 Aug;82(2):384-93

Vasodilator therapy in chronic severe aortic regurgitation [comment] Rahimtoola SH. **J Am Coll Cardiol** 1990 Aug; 16(2):430-2 (13 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):424-9.

Pharmacological regulation of the circulation of bone. Brinker MR, et al. **J Bone Joint Surg [Am]** 1990 Aug; 72(7):964-75

VASOPRESSINS

Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo-neurohypophyseal explants. Yagil C, et al. **Endocrinology** 1990 Sep;127(3):1428-35

VATER'S AMPULLA

Tamoxifen therapy in unresectable adenocarcinoma of the pancreas and the papilla of Vater. Bakkevold KE, et al. **Br J Surg** 1990 Jul;77(7):725-30

Clinical relevance of sphincter of Oddi dysfunction. Toouli J. **Br J Surg** 1990 Jul;77(7):723-4 (8 ref.)

Needle knife papillotomy: how safe and how effective? Dowsett JF, et al. **Gut** 1990 Aug;31(8):905-8

VECURONIUM

Acute versus chronic phenytoin therapy and neuromuscular blockade [letter] Baumgardner JE, et al. **Anaesthesia** 1990 Jun;45(6):493-4

Vecuronium for rapid-sequence intubation for cesarean section. Hawkins JL, et al. **Anesth Analg** 1990 Aug; 71(2):185-90

Vancomycin enhances the neuromuscular blockade of vecuronium. Huang KC, et al. **Anesth Analg** 1990 Aug; 71(2):194-6

Paralysis after long-term administration of vecuronium [letter] **Anesthesiology** 1990 Aug;73(2):364-6

Rapid-sequence orotracheal intubation: a comparison of three techniques. Silverman SM, et al. **Anesthesiology** 1990 Aug;73(2):244-8

VEGETABLES

A multifocal outbreak of hepatitis A traced to commercially distributed lettuce. Rosenblum LS, et al. **Am J Public Health** 1990 Sep;80(9):1075-9

VEINS

Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Suginami H, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):527-9

VENA CAVA, INFERIOR

Intrahepatic portosystemic venous shunt. Park JH, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):527-8

Left retrocaval ureter associated with left inferior vena cava. Pierro JA, et al. **AJR Am J Roentgenol** 1990 Sep; 155(3):545-6

Noninvasive estimation of right atrial pressure from the inspiratory collapse of the inferior vena cava. Kircher BJ, et al. **Am J Cardiol** 1990 Aug 15;66(4):493-6

Acute Budd-Chiari syndrome with hepatic failure and obstruction of the inferior vena cava as presenting manifestations of hereditary protein C deficiency. Bourlière M, et al. **Gut** 1990 Aug;31(8):949-52

Invited letter concerning: inferior vena cava-pulmonary artery extracardiac conduit [letter; comment] Doty DB. **J Thorac Cardiovasc Surg** 1990 Aug;100(2):313-4. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):228-32.

Inferior vena cava-pulmonary artery extracardiac conduit. A new form of right heart bypass [see comments] Marcelletti C, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):228-32. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):313-4.

Resection of nonrenal retroperitoneal tumors with large vena caval thrombi using cardiopulmonary bypass and hypothermic circulatory arrest. Angermeier KW, et al. **J Urol** 1990 Sep;144(3):735-9

Hepatic inferior vena cava obstruction: treatment of two types with Gianturco expandable metallic stents [see comments] Furui S, et al. **Radiology** 1990 Sep;176(3):665-70 . Comment in: Radiology 1990 Sep;176(3):620-1.

Monorail system for percutaneous repositioning of the Greenfield vena caval filter. Guthaner DF, et al. **Radiology** 1990 Sep;176(3):872-4

Percutaneous transcatheter stent placement [editorial; comment] Wright KC. **Radiology** 1990 Sep;176(3):620-1. Comment on: Radiology 1990 Sep;176(3):665-70.

VENA CAVA, SUPERIOR

A modification of the Fontan procedure incorporating anomalies of systemic and pulmonary venous return. Julsrud PR, et al. **J Thorac Cardiovasc Surg** 1990 Aug; 100(2):233-9

VENTILATION-PERFUSION RATIO

Effects of propranolol on arterial oxygenation and oxygen

transport to tissues in patients with cirrhosis. Agusti AG, et al. **Am Rev Respir Dis** 1990 Aug;142(2):306-10

VENTILATOR WEANING

Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Annat GJ, et al. **Chest** 1990 Aug;98(2):411-4

A new method for measurement of airway occlusion pressure. Brenner M, et al. **Chest** 1990 Aug;98(2):421-7

VENTILATORS, MECHANICAL

A test for the Manley ventilator [letter] Graham SG. **Anaesthesia** 1990 Jun;45(6):491

Is distal sampling of end-tidal CO2 necessary in small subjects? Rich GF, et al. **Anesthesiology** 1990 Aug; 73(2):265-8

Pressure support and flow-cycled, assisted mechanical ventilation in acute lung injury. McGough EK, et al. **Chest** 1990 Aug;98(2):458-62

Evaluation of nebulizers for use in neonatal ventilator circuits. Cameron D, et al. **Crit Care Med** 1990 Aug; 18(8):866-70

VENTRICULAR FIBRILLATION

Changes in transmyocardial impedance during prolonged ventricular fibrillation. Implications for current flow and delivered energy during DC countershock. Mahmud R, et al. **Am Heart J** 1990 Aug;120(2):334-9

Calcium-dependent fluorescence transients during ventricular fibrillation. Stefenelli T, et al. **Am Heart J** 1990 Sep;120(3):590-7

Idiopathic ventricular fibrillation. Viskin S, et al. **Am Heart J** 1990 Sep;120(3):661-71 (127 ref.)

Management of complications associated with a first-generation endocardial defibrillation lead system for implantable cardioverter-defibrillators. Tullo NG, et al. **Am J Cardiol** 1990 Aug 15;66(4):411-5

Efficacy of the automatic implantable cardioverter-defibrillator in prolonging survival in patients with severe underlying cardiac disease. Fogoros RN, et al. **J Am Coll Cardiol** 1990 Aug;16(2):381-6

Management of survivors of cardiac arrest: is electrophysiologic testing obsolete in the era of implantable defibrillators? [comment] Kim SG. **J Am Coll Cardiol** 1990 Sep;16(3):756-62 (48 ref.). Comment on: J Am Coll Cardiol 1990 Sep;16(3):657-65.

Preservation of ventricular function by treatment of ventricular fibrillation with phenylephrine [see comments] Midei MG, et al. **J Am Coll Cardiol** 1990 Aug;16(2):489-94 . Comment in: J Am Coll Cardiol 1990 Aug;16(2):495-6.

Postinfarction ventricular tachycardia and fibrillation: reassessing the role of drug therapy and approach to the high risk patient [editorial; comment] Peter CT, et al. **J Am Coll Cardiol** 1990 Sep;16(3):531-2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):521-30.

Long-term outcome in patients who survive out of hospital ventricular fibrillation and undergo electrophysiologic studies: evaluation by electrophysiologic subgroups [see comments] Poole JE, et al. **J Am Coll Cardiol** 1990 Sep; 16(3):657-65. Comment in: J Am Coll Cardiol 1990 Sep;16(3):756-62.

Determinants of prognosis in symptomatic ventricular tachycardia or ventricular fibrillation late after myocardial infarction. The Dutch Ventricular Tachycardia Study Group of the Interuniversity Cardiology Institute of The Netherlands [see comments] Willems AR, et al. **J Am Coll Cardiol** 1990 Sep;16(3):521-30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):531-2.

VERAPAMIL

A comparison of the efficacy and safety of a beta-blocker, a calcium channel blocker, and a converting enzyme inhibitor in hypertensive blacks. Saunders E, et al. **Arch Intern Med** 1990 Aug;150(8):1707-13

Chemical injury of the oral mucosa from verapamil [letter] Guttenberg SA. **N Engl J Med** 1990 Aug 30;323(9):615

VERTEBRAL ARTERY

Occlusion of the vertebral artery in cervical spine dislocations. Louw JA, et al. **J Bone Joint Surg [Br]** 1990 Jul;72(4):679-81

Posterior inferior to posterior inferior cerebellar artery anastomosis combined with trapping for vertebral artery aneurysm. Case report. Ausman JI, et al. **J Neurosurg** 1990 Sep;73(3):462-5

VERTIGO

Acute vertiginous presentation of primary thalamic hemorrhage. Nagaratnam N, et al. **Arch Otolaryngol Head Neck Surg** 1990 Sep;116(9):1077-8

VESICO-URETERAL REFLUX

Management of urinary tract infection and vesicoureteric reflux in children. 2. The case for surgery. O'Donnell B. **BMJ** 1990 May 26;300(6736):1393-4 (12 ref.)

Management of urinary tract infection and vesicoureteric reflux in children. 1. Operative treatment has no advantage over medical management. White RH. **BMJ** 1990 May 26; 300(6736):1391-2 (9 ref.)

Methodologic limitations in the literature on vesicoureteral reflux: a critical review. Shanon A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):171-8

Renal scarring and vesicoureteral reflux in children with myelodysplasia. Cohen RA, et al. **J Urol** 1990 Aug;144(2 Pt 2):541-4; discussion 545

Endoscopic correction of vesicoureteral reflux: our experience with 115 ureters. Farkas A, et al. **J Urol** 1990 Aug;144(2 Pt 2):534-6; discussion 545

High grade vesicoureteral reflux: analysis of observational therapy. McLorie GA, et al. **J Urol** 1990 Aug;144(2 Pt 2):537-40; discussion 545

Endoscopic correction of primary vesicoureteric reflux [letter] Chambers TL, et al. **Lancet** 1990 Jul 28; 336(8709):250

VESICOVAGINAL FISTULA

A vesicovaginal fistula and intravesical foreign body. A rare case of the neglected pessary. Goldstein I, et al. **Am J Obstet Gynecol** 1990 Aug;163(2):589-91

VESICULAR STOMATITIS VIRUS

Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. Browning MJ, et al. **J Immunol** 1990 Aug 1;145(3):985-94

VESTIBULOPLASTY

The use of perimandibular sutures in isolated vestibuloplasty or floor of the mouth plasty procedures. Wittkampf AR. **J Oral Maxillofac Surg** 1990 Aug;48(8):892-3

VETERANS

The Vietnam Era Twin Registry: a resource for medical research. Henderson WG, et al. **Public Health Rep** 1990 Jul-Aug;105(4):368-73

VETERANS DISABILITY CLAIMS

Acquired hearing impairment and psychiatric disorder amongst Australian Vietnam veterans [letter] Ben-Tovim DI, et al. **Lancet** 1990 Aug 4;336(8710):324

VIBRATION

Vibrotactile threshold measurement for detecting neurotoxicity: reliability and determination of age- and height-standardized normative values. Gerr F, et al. **Arch Environ Health** 1990 May-Jun;45(3):148-54

VIBRIO

Shuck your oysters with care. **Lancet** 1990 Jul 28; 336(8709):215-6 (14 ref.)

Antibiotics for marine vibrios [letter] French GL. **Lancet** 1990 Sep 1;336(8714):568-9

VIBRIO INFECTIONS

From the National Institute of Allergy and Infectious Diseases. Summary of the 25th United States-Japan Joint Conference on cholera and related diarrheal diseases. Spriggs DR, et al. **J Infect Dis** 1990 Sep;162(3):584-90

Shuck your oysters with care. **Lancet** 1990 Jul 28; 336(8709):215-6 (14 ref.)

VIDEOTAPE RECORDING

Promoting low-fat foods in the supermarket using various methods, including videocassettes. Dougherty MF, et al. **J Am Diet Assoc** 1990 Aug;90(8):1106-8

Clinical neurophysiologic studies in stiff-man syndrome: use of simultaneous video-electroencephalographic-surface electromyographic recording. Armon C, et al. **Mayo Clin Proc** 1990 Jul;65(7):960-7

VINDESINE

Randomized comparison of doxorubicin and vindesine to doxorubicin for patients with metastatic soft-tissue sarcomas. Borden EC, et al. **Cancer** 1990 Sep 1;66(5):862-7

A phase II study of cisplatin and continuous infusion of vindesine in metastatic head and neck squamous cell cancer. Tellez-Bernal E, et al. **Cancer** 1990 Aug 15;66(4):640-4

VIOLENCE

Doctors' safety: who cares? [letter] Bhugra D, et al. **BMJ** 1990 Jul 7;301(6742):43

Characteristics of psychiatric inpatients who assault staff severely. Haller RM, et al. **J Nerv Ment Dis** 1990 Aug; 178(8):536-7

From the Centers for Disease Control. Family and other intimate assaults--Atlanta, 1984. **JAMA** 1990 Sep 12; 264(10):1243-4

Domestic violence begets other problems of which physicians must be aware to be effective [news] Randall T. **JAMA** 1990 Aug 22-29;264(8):940, 943-4

Domestic violence intervention calls for more than treating injuries [news] Randall T. **JAMA** 1990 Aug 22-29; 264(8):939-40

Benzodiazepines and fantasy [letter] Lurie Y, et al. **Lancet** 1990 Sep 1;336(8714):576

VIRAL ENVELOPE PROTEINS

Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. Browning MJ, et al. **J Immunol** 1990 Aug 1;145(3):985-94

Glycoprotein C of herpes simplex virus type 1 prevents complement-mediated cell lysis and virus neutralization. Harris SL, et al. **J Infect Dis** 1990 Aug;162(2):331-7

VIRAL PROTEINS

Bovine natural killer-like cell responses against cell lines expressing recombinant bovine herpesvirus type 1 glycoproteins. Palmer LD, et al. **J Immunol** 1990 Aug 1; 145(3):1009-14

Antibodies to varicella-zoster virus glycoproteins I, II, and III in leukemic and healthy children. LaRussa PS, et al. **J Infect Dis** 1990 Sep;162(3):627-33

Immunocytochemical confirmation of prion protein [letter] Clinton J, et al. **Lancet** 1990 Aug 25;336(8713):515

VIRAL VACCINES

Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. II. Safety and immunogenicity in humans. Hoke CH Jr, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):219-26

Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. I. Pre-clinical studies. Marchette NJ, et al. **Am J Trop Med Hyg** 1990 Aug;43(2):212-8

Porton International and a herpes vaccine [letter] Skinner GR. **BMJ** 1990 Jun 16;300(6739):1583-4

From the World Health Organization. Development of dengue and Japanese encephalitis vaccines. Brandt WE. **J Infect Dis** 1990 Sep;162(3):577-83

Aerosol vaccination with a sendai virus temperature-sensitive mutant (HVJ-pB) derived from persistently infected cells. Iwata H, et al. **J Infect Dis** 1990 Aug;162(2):402-7

In vivo behavior of genetically engineered herpes simplex viruses R7017 and R7020. II. Studies in immunocompetent and immunosuppressed owl monkeys (Aotus trivirgatus). Meignier B, et al. **J Infect Dis** 1990 Aug;162(2):313-21

Effect of breast-feeding on oral rhesus rotavirus vaccine seroconversion: a metaanalysis. Pichichero ME. **J Infect Dis** 1990 Sep;162(3):753-5

Human parainfluenza virus induces a type-specific protective immune response. Ray R, et al. **J Infect Dis** 1990 Sep; 162(3):746-9

VIREMIA

Cytomegalovirus excretion as a predictor of cytomegalovirus disease after marrow transplantation: importance of cytomegalovirus viremia. Meyers JD, et al. **J Infect Dis** 1990 Aug;162(2):373-80

VIRILISM

Autogenic masculinization. Punch MR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):114-6

Virilisation of female preterm infants. Midgley PC, et al. **Arch Dis Child** 1990 Jul;65(7 Spec No):701-3

VIRION

Localization of inflammation and virions in canine adenovirus type 2 bronchiolitis. Grad R, et al. **Am Rev Respir Dis** 1990 Sep;142(3):691-9

VIRUS ACTIVATION

Heat shock induction of HIV production from chronically infected promonocytic and T cell lines. Stanley SK, et al. **J Immunol** 1990 Aug 15;145(4):1120-6

VIRUS DISEASES

Viral infections during pregnancy: a guide for the emergency physician. Ellis GL, et al. **Ann Emerg Med** 1990 Jul; 19(7):802-11 (96 ref.)

Rapid viral diagnosis in perspective. Lee PC, et al. **BMJ** 1990 Jun 2;300(6737):1313-8 (71 ref.)

Illness preceding sudden infant death [letter] Williams AL, et al. **BMJ** 1990 Jun 16;300(6739):1584

Respiratory viruses interfere with bacteriologic response to antibiotic in children with acute otitis media. Chonmaitree T, et al. **J Infect Dis** 1990 Aug;162(2):546-9

Occurrence of Norwalk virus infections among adults in Mexico. Johnson PC, et al. **J Infect Dis** 1990 Aug; 162(2):389-93

Drugs for viral infections. **Med Lett Drugs Ther** 1990 Aug 10;32(824):73-8

VIRUS REPLICATION

Mycoplasma and AIDS [letter] Chowdhury MI, et al. **Lancet** 1990 Jul 28;336(8709):247–8

VIRUSES

Respiratory viruses and mycoplasma as cofactors for epidemic group A meningococcal meningitis. Moore PS, et al. **JAMA** 1990 Sep 12;264(10):1271–5

VISION

Relative afferent pupillary defect with normal visual function [letter] Forman S, et al. **Arch Ophthalmol** 1990 Aug; 108(8):1074–5

Nonarteritic ischemic optic neuropathy in identical female twins: improvement of visual outcome in one by optic nerve decompression [letter] Manor RS. **Arch Ophthalmol** 1990 Aug;108(8):1067–8

VISION DISORDERS

A lighted joystick control for a quadriparetic child with impaired visual awareness. Gragnani JA. **Arch Phys Med Rehabil** 1990 Aug;71(9):709–10

Vision and hearing during deferoxamine therapy. Cohen A, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):326–30

Visual disturbances, serum glycine levels and transurethral resection of the prostate. Mizutani AR, et al. **J Urol** 1990 Sep;144(3):697–9

VISUAL FIELDS

Effects of changes in stimulus contingency on visual extinction. Kaplan RF, et al. **Neurology** 1990 Aug; 40(8):1299–301

VITAL CAPACITY

Donor selection for single and double lung transplantation. Chest size matching and other factors influencing posttransplantation vital capacity. Miyoshi S, et al. **Chest** 1990 Aug;98(2):308–13

VITAMIN A

Evaluation of vitamin A toxicity. Hathcock JN, et al. **Am J Clin Nutr** 1990 Aug;52(2):183–202 (224 ref.)

Relationship between age and serum vitamin A in children aged 4–11 y. Lewis CJ, et al. **Am J Clin Nutr** 1990 Aug; 52(2):353–60

Excessive faecal losses of vitamin A (retinol) in cystic fibrosis. Ahmed F, et al. **Arch Dis Child** 1990 Jun;65(6):589–93

Regulation of insulin-like growth factor I and stage-specific levels of epidermal growth factor in stage synchronized rat testes. Bartlett JM, et al. **Endocrinology** 1990 Aug; 127(2):747–58

VITAMIN B 12

Questions raised on efficacy of vitamin B-12 therapy for patients with dementia [letter] Moran MB, et al. **J Am Diet Assoc** 1990 Aug;90(8):1055

Studies of cobalamin as a vehicle for the renal excretion of cyanide anion. Williams HL, et al. **J Lab Clin Med** 1990 Jul;116(1):37–44

VITAMIN B 12 DEFICIENCY

Questions raised on efficacy of vitamin B-12 therapy for patients with dementia [letter] Moran MB, et al. **J Am Diet Assoc** 1990 Aug;90(8):1055

VITAMIN D

Sick sinus syndrome cured by ... vitamin D? Kessel L. **Geriatrics** 1990 Aug;45(8):83–5

Mineral and vitamin D adequacy in infants fed human milk or formula between 6 and 12 months of age. Hillman LS. **J Pediatr** 1990 Aug;117(2 Pt 2):S134–42 (31 ref.)

VITAMIN E

Vitamin E intakes and sources in the United States. Murphy SP, et al. **Am J Clin Nutr** 1990 Aug;52(2):361–7

Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Richards GA, et al. **Am Rev Respir Dis** 1990 Sep;142(3):648–54

VITAMIN E DEFICIENCY

Vitamin E deficiency and psychomotor dysfunction in adults with primary biliary cirrhosis. Arria AM, et al. **Am J Clin Nutr** 1990 Aug;52(2):383–90

VITAMINS

Infant nutrient supplementation. Curtis DM. **J Pediatr** 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)

VITRECTOMY

A new infusion cannula for advanced proliferative vitreoretinopathy. Landers MB 3d, et al. **Am J Ophthalmol** 1990 Aug 15;110(2):209–10

VOCAL CORD PARALYSIS

Transcutaneous intrafold injection for unilateral vocal fold paralysis: functional results. Hirano M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):598–604

Endoscopic laryngeal surgery for bilateral midline vocal cord obstruction. Rontal M, et al. **Ann Otol Rhinol Laryngol** 1990 Aug;99(8):605–10

Sarcoidosis as a cause of left recurrent laryngeal nerve palsy. Tobias JK, et al. **Arch Otolaryngol Head Neck Surg** 1990 Aug;116(8):971–2

Shy-Drager syndrome presenting as isolated paralysis of vocal cord abductors. Kew J, et al. **BMJ** 1990 Jun 2; 300(6737):1441

VOMITING

Self hypnotherapeutic treatment of habitual reflex vomiting. Sokel BS, et al. **Arch Dis Child** 1990 Jun;65(6):626–7

Toxic reaction following treatment of typhoid fever with pefloxacin [letter] Caumes E, et al. **Lancet** 1990 Jul 28; 336(8709):252

VON WILLEBRAND FACTOR

Family studies and prenatal diagnosis in severe von Willebrand disease by polymerase chain reaction amplification of a variable number tandem repeat region of the von Willebrand factor gene. Peake IR, et al. **Blood** 1990 Aug 1;76(3):555–61

Elevated von Willebrand factor antigen is an early plasma predictor of acute lung injury in nonpulmonary sepsis syndrome. Rubin DB, et al. **J Clin Invest** 1990 Aug; 86(2):474–80

VON WILLEBRAND'S DISEASE

Early hypothyroidism in patients with menorrhagia [letter] Blesing NE, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):697

Epidural anaesthesia and von Willebrand's disease. Milaskiewicz RM, et al. **Anaesthesia** 1990 Jun;45(6):462–4

Family studies and prenatal diagnosis in severe von Willebrand disease by polymerase chain reaction amplification of a variable number tandem repeat region of the von Willebrand factor gene. Peake IR, et al. **Blood** 1990 Aug 1;76(3):555–61

VULVA

Perineal, vulval and vaginoperineal reconstruction using the rectus abdominis myocutaneous flap. Skene AI, et al. **Br J Surg** 1990 Jun;77(6):635–7

Expression of epidermal growth factor receptor and HER-2/neu in normal and neoplastic cervix, vulva, and vagina. Berchuck A, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):381–7

Superficial laser vulvectomy. IV. Extended laser vaporization and adjunctive 5-fluorouracil therapy of human papillomavirus-associated vulvar disease. Reid R, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):439–48

VULVAR DISEASES

Vulvar ulcer of unknown etiology in a human immunodeficiency virus-infected woman: response to treatment with zidovudine. Covino JM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):116–8

Autogenic masculinization. Punch MR, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):114–6

Superficial laser vulvectomy. IV. Extended laser vaporization and adjunctive 5-fluorouracil therapy of human papillomavirus-associated vulvar disease. Reid R, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 1):439–48

VULVAR NEOPLASMS

A pilot study of chemo-radiotherapy in advanced carcinoma of the vulva. Whitaker SJ, et al. **Br J Obstet Gynaecol** 1990 May;97(5):436–42

Recurrent Paget disease of the vulva in a split-thickness graft. Misas JE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):543–4

White sponge nevus. Nichols GE, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):545–8

Primary adenocarcinoma of the breast arising in the vulva. Rose PG, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):537–9 (8 ref.)

Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Van Sickle M, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):540–2

VULVITIS

Amniotic membranes in the treatment of necrotizing fasciitis complicating vulvar herpes virus infection. Rothman PA, et al. **Obstet Gynecol** 1990 Sep;76(3 Pt 2):534–6

WAKEFULNESS

Early onset of increased transcapillary albumin escape in awake diabetic rats. Tucker BJ. **Diabetes** 1990 Aug; 39(8):919–23

WAR

Experiences of a battalion medical officer in the retreat to Dunkirk: IV. Doll R. **BMJ** 1990 May 26;300(6736):1385–7

Experiences of a battalion medical officer in the retreat to Dunkirk: V. Doll R. **BMJ** 1990 Jun 2;300(6737):1449–52

War wound excision [letter] Coupland RM. **Br J Surg** 1990 Jul;77(7):833

Douglas Waddell Jolly as a pioneer in the surgical treatment of trauma. Adams DB. **Surg Gynecol Obstet** 1990 Sep; 171(3):253–6

WARFARIN

Tracheobronchial calcification: an observation in three children after mitral valve replacement and warfarin sodium therapy. Taybi H, et al. **Radiology** 1990 Sep; 176(3):728–30

Clinically significant hemorrhage due to warfarin-carbamazepine interaction. Denbow CE, et al. **South Med J** 1990 Aug;83(8):981

WARTS

Human papillomaviruses in anogenital warts in children: typing by in situ hybridisation. Padel AF, et al. **BMJ** 1990 Jun 9;300(6738):1491–4

WATER-ELECTROLYTE BALANCE

Reduced water and sodium intakes associated with high levels of natriuretic factor following common bile duct ligation in the rabbit. Oms L, et al. **Br J Surg** 1990 Jul; 77(7):752–5

WATER LOSS, INSENSIBLE

Semipermeable dressing and transepidermal water loss in premature infants. Vernon HJ, et al. **Pediatrics** 1990 Sep; 86(3):357–62

WATER MICROBIOLOGY

Microbiological investigations into an outbreak of Pontiac fever due to Legionella micdadei associated with use of a whirlpool. Fallon RJ, et al. **J Clin Pathol** 1990 Jun; 43(6):479–83

Survival of Helicobacter pylori in water and saline [letter] West AP, et al. **J Clin Pathol** 1990 Jul;43(7):609

Shuck your oysters with care. **Lancet** 1990 Jul 28; 336(8709):215–6 (14 ref.)

Legionella and fountains [letter] Schlech WF 3d. **Lancet** 1990 Sep 1;336(8714):576

WATER POLLUTANTS

Blackfoot disease [letter] Chen CJ. **Lancet** 1990 Aug 18; 336(8712):442

Aluminium deposition in bone after contamination of drinking water supply. Eastwood JB, et al. **Lancet** 1990 Aug 25;336(8713):462–4

WATER SUPPLY

Aluminium deposition in bone after contamination of drinking water supply. Eastwood JB, et al. **Lancet** 1990 Aug 25;336(8713):462–4

WEANING

Bases of weaning recommendations. Barness LA. **J Pediatr** 1990 Aug;117(2 Pt 2):S84–5

WEGENER'S GRANULOMATOSIS

Wegener's granulomatosis. Immunomicroscopic and ultrastructural study of four cases. Gephardt GN, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):961–5

The American College of Rheumatology 1990 criteria for the classification of Wegener's granulomatosis. Leavitt RY, et al. **Arthritis Rheum** 1990 Aug;33(8):1101–7

Role of testing for anticytoplasmic autoantibodies in the differential diagnosis of scleritis and orbital pseudotumor. Kalina PH, et al. **Mayo Clin Proc** 1990 Aug;65(8):1110–7

WEIGHT GAIN

Do obese individuals gain weight more easily than nonobese individuals? Forbes GB. **Am J Clin Nutr** 1990 Aug; 52(2):224–7

WEIGHT LOSS

Validation of bioelectrical-impedance analysis as a measurement of change in body composition in obesity. Kushner RF, et al. **Am J Clin Nutr** 1990 Aug;52(2):219–23

The effects of weight reduction on blood pressure in 301 obese patients. Schotte DE, et al. **Arch Intern Med** 1990

Aug;150(8):1701–4

WEIGHTS AND MEASURES

SI units: a wholehearted effort is needed [letter] Walter RM Jr, et al. **JAMA** 1990 Aug 22–29;264(8):974

WHEELCHAIRS

Fatal wheelchair-related accidents in the United States. Calder CJ, et al. **Am J Phys Med Rehabil** 1990 Aug; 69(4):184–90

Clinical evaluation of custom-contoured cushions for the spinal cord injured. Sprigle SH, et al. **Arch Phys Med Rehabil** 1990 Aug;71(9):655–8

WHIPLASH INJURIES

Post whiplash dystonia well controlled by transcutaneous electrical nervous stimulation (TENS): case report. Foley-Nolan D, et al. **J Trauma** 1990 Jul;30(7):909–10

WHOOPING COUGH

Protective efficacy of the Takeda acellular pertussis vaccine combined with diphtheria and tetanus toxoids following household exposure of Japanese children. Mortimer EA Jr, et al. **Am J Dis Child** 1990 Aug;144(8):899–904

Respiratory sequelae and lung function after whooping cough in infancy. Krantz I, et al. **Arch Dis Child** 1990 Jun; 65(6):569–73

Protective antibodies in pertussis [letter] Cherry JD, et al. **J Pediatr** 1990 Aug;117(2 Pt 1):347–8

Visiting and immunisation policies on a regional neonatal unit [letter] Blake KD, et al. **Lancet** 1990 Aug 4; 336(8710):308–9

WIT AND HUMOR

Norman Cousins' sick laughter redux. Elgee NJ. **Arch Intern Med** 1990 Aug;150(8):1588

WOLFFIAN DUCT

Cystic dilatations within the pelvis in patients with ipsilateral renal agenesis or dysplasia. Sheih CP, et al. **J Urol** 1990 Aug;144(2 Pt 1):324–7

WOMEN

Women and the future of family practice? [editorial] Murray JL. **Am Fam Physician** 1990 Aug;42(2):360, 362

WOMEN'S HEALTH SERVICES

Medical ethics and women. **Can Med Assoc J** 1990 Aug 15; 143(4):249–52, 254

WOMEN'S RIGHTS

A chill wind blows: Webster, obstetrics, and the health of women. Chavkin W, et al. **Am J Obstet Gynecol** 1990 Aug; 163(2):450–2

WOOD

Concurrent human and canine histoplasmosis from cutting decayed wood. Davies SF, et al. **Ann Intern Med** 1990 Aug 1;113(3):252–3

WORK

The eighty-hour workweek. Residency friend or foe? [editorial] Bedrick AD. **Am J Dis Child** 1990 Aug; 144(8):857

Regulation of working hours for residents [letter] **J Pediatr** 1990 Aug;117(2 Pt 1):346–7

WORK OF BREATHING

The influence of increasing ventilatory effort on arousal from sleep. Gleeson K, et al. **Am Rev Respir Dis** 1990 Aug; 142(2):295–300

Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Annat GJ, et al. **Chest** 1990 Aug;98(2):411–4

WORLD HEALTH

A retrospective analysis of the natural history of primary IgA nephropathy worldwide. Schena FP. **Am J Med** 1990 Aug;89(2):209–15 (81 ref.)

More international perspectives on HIV [news] **Lancet** 1990 Aug 4;336(8710):304–5

Current and future dimensions of the HIV/AIDS pandemic in women and children. Chin J. **Lancet** 1990 Jul 28; 336(8709):221–4

WOUND HEALING

Epithelial cell-fibroblast interactions in lung injury and repair. Adamson IY, et al. **Am J Pathol** 1990 Aug; 137(2):385–92

Factors predisposing to healing complications after internal fixation of femoral neck fracture. A stepwise logistic regression analysis. Alberts KA, et al. **Clin Orthop** 1990 Aug;(257):129–33

Multiple graft harvestings from deep partial-thickness scald wounds healed under the influence of weak direct current. Chu CS, et al. **J Trauma** 1990 Aug;30(8):1044–9; discussion 1049–50

Arginine enhances wound healing and lymphocyte immune responses in humans. Barbul A, et al. **Surgery** 1990 Aug; 108(2):331–6; discussion 336–7

Differential acceleration of healing of surgical incisions in the rabbit gastrointestinal tract by platelet-derived growth factor and transforming growth factor, type beta. Mustoe TA, et al. **Surgery** 1990 Aug;108(2):324–9; discussion 329–30

WOUNDS AND INJURIES

Estimating the full cost of workplace injuries. French MT. **Am J Public Health** 1990 Sep;80(9):1118–9

An experience with upper-extremity vascular trauma. Cikrit DF, et al. **Am J Surg** 1990 Aug;160(2):229–33

DRGs and the "negative" trauma workup. Flancbaum L, et al. **Ann Emerg Med** 1990 Jul;19(7):741–5

Injury prevention in primary care. Lowenstein SR, et al. **Ann Intern Med** 1990 Aug 15;113(4):261–3 (49 ref.)

Ocular and associated systemic findings in suspected child abuse. A necropsy study. Elner SG, et al. **Arch Ophthalmol** 1990 Aug;108(8):1094–101

Improving the care of patients with major trauma in the accident and emergency department. Fisher RB, et al. **BMJ** 1990 Jun 16;300(6739):1560–3

ABC of major trauma. Management of the upper airway. Watson D. **BMJ** 1990 May 26;300(6736):1388–91 (3 ref.)

APACHE II scoring in the injured patient. Rhee KJ, et al. **Crit Care Med** 1990 Aug;18(8):827–30

Inhibition of platelet aggregation by granulocytes stimulated during experimental trauma. Zoucas E, et al. **Crit Care Med** 1990 Aug;18(8):845–7

Injuries in the elderly: evaluation and initial response. Demarest GB, et al. **Geriatrics** 1990 Aug;45(8):36–8, 41–2 (17 ref.)

An effect of trauma on human cardiovascular control: baroreflex suppression. Anderson ID, et al. **J Trauma** 1990 Aug;30(8):974–81; discussion 981–2

The hospital trauma team: a model for trauma management. Deane SA, et al. **J Trauma** 1990 Jul;30(7):806–12

A study of trauma in an Amish community. Jones MW. **J Trauma** 1990 Jul;30(7):899–902

An all-payor prospective payment system (PPS) based on diagnosis-related-groups (DRG): financial impact on reimbursement for trauma care and approaches to minimizing loss. Joy SA, et al. **J Trauma** 1990 Jul; 30(7):866–73

Prospective analysis of rural interhospital transfer of injured patients to a referral trauma center. Martin GD, et al. **J Trauma** 1990 Aug;30(8):1014–9; discussion 1019–20

Visceral protein levels in trauma patients are greater with peptide diet than with intact protein diet. Meredith JW, et al. **J Trauma** 1990 Jul;30(7):825–8; discussion 828–9

A computerized approach to injury description. Osler TM, et al. **J Trauma** 1990 Aug;30(8):983–7; discussion 987–8

Injury Severity Scores in desert recreational all-terrain vehicle trauma. Pollack CV Jr, et al. **J Trauma** 1990 Jul; 30(7):888–92

The role of autopsy in death resulting from trauma. Stothert JC Jr, et al. **J Trauma** 1990 Aug;30(8):1021–5; discussion 1025–6

From the Centers for Disease Control. Fatal injuries to children--United States, 1986. **JAMA** 1990 Aug 22–29; 264(8):952–3

Pediatric injuries in the back of pickup trucks. Agran PF, et al. **JAMA** 1990 Aug 8;264(6):712–6

Domestic violence intervention calls for more than treating injuries [news] Randall T. **JAMA** 1990 Aug 22–29; 264(8):939–40

Inflicted injury versus accidental injury. Johnson CF. **Pediatr Clin North Am** 1990 Aug;37(4):791–814 (87 ref.)

The serratus anterior free-muscle flap: experience with 100 consecutive cases. Whitney TM, et al. **Plast Reconstr Surg** 1990 Sep;86(3):481–90; discussion 491

Improving the sensitivity and specificity of the abbreviated injury scale coding system. Kramer CF, et al. **Public Health Rep** 1990 Jul-Aug;105(4):334–40

A blueprint for injury control in the United States. Viano DC. **Public Health Rep** 1990 Jul-Aug;105(4):329–33

Gene expression in normal and doxorubicin-impaired wounds: importance of transforming growth factor-beta. Salomon GD, et al. **Surgery** 1990 Aug;108(2):318–22; discussion 322–3

WOUNDS, GUNSHOT

Systemic arterial air embolism in penetrating lung injury. Estrera AS, et al. **Ann Thorac Surg** 1990 Aug;50(2):257–61

Interaction of penetrating missiles with tissues: some common misapprehensions and implications for wound management. Cooper GJ, et al. **Br J Surg** 1990 Jun;77(6):606–10 (19 ref.)

War wound excision [letter] Coupland RM. **Br J Surg** 1990 Jul;77(7):833

Selective conservative management of abdominal gunshot wounds: a prospective study. Muckart DJ, et al. **Br J Surg** 1990 Jun;77(6):652–5

Effect of bullet removal on subsequent pain in persons with spinal cord injury secondary to gunshot wound. Richards JS, et al. **J Neurosurg** 1990 Sep;73(3):401–4

WOUNDS, NONPENETRATING

Cervical prevertebral fat stripe: a normal variant simulating prevertebral hemorrhage. Lewis CA, et al. **AJR Am J Roentgenol** 1990 Sep;155(3):559–60

Role of routine arteriography in blunt lower-extremity trauma. Applebaum R, et al. **Am J Surg** 1990 Aug; 160(2):221–4; discussion 224–5

Frequency of vascular injury with blunt trauma-induced extremity injury. Bunt TJ, et al. **Am J Surg** 1990 Aug; 160(2):226–8

A comparison of implicit and explicit methods of process quality assurance for blunt trauma patients. Schriger DL, et al. **Ann Emerg Med** 1990 Jul;19(7):736–40

Expression and secretion of IL-2 receptor in trauma patients. Teodorczyk-Injeyan JA, et al. **Ann Surg** 1990 Aug; 212(2):202–8

Extracranial optic nerve decompression for traumatic optic neuropathy [see comments] Joseph MP, et al. **Arch Ophthalmol** 1990 Aug;108(8):1091–3. Comment in: Arch Ophthalmol 1990 Aug;108(8):1086–7.

Prediction of the delayed complications of intestinal and mesenteric injuries following experimental blunt abdominal trauma. Paterson-Brown S, et al. **Br J Surg** 1990 Jun; 77(6):648–51

A prospective, randomized comparison between open and closed peritoneal lavage techniques. Cué JI, et al. **J Trauma** 1990 Jul;30(7):880–3

Carotid artery trauma: management based on mechanism of injury. Fabian TC, et al. **J Trauma** 1990 Aug;30(8):953–61; discussion 961–3

Fibrin glue as a hemostatic agent in hepatic and splenic trauma. Ochsner MG, et al. **J Trauma** 1990 Jul;30(7):884–7

Diagnostic peritoneal lavage: is an isolated WBC count greater than or equal to 500/mm3 predictive of intra-abdominal injury requiring celiotomy in blunt trauma patients? Soyka JM, et al. **J Trauma** 1990 Jul;30(7):874–9

Blunt trauma of uterovaginal and vesical prolapse with associated bladder rupture. Miller CG, et al. **J Urol** 1990 Aug;144(2 Pt 1):348–50

A proposed new mechanism of traumatic aortic rupture: the osseous pinch. Crass JR, et al. **Radiology** 1990 Sep; 176(3):645–9

Changes in splenic size after abdominal trauma. Goodman LR, et al. **Radiology** 1990 Sep;176(3):629–32

WOUNDS, PENETRATING

Risk factors for third-degree and fourth-degree perineal lacerations in forceps and vacuum deliveries. Combs CA, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):100–4

Late sequelae of penetrating cardiac injuries. Demetriades D, et al. **Br J Surg** 1990 Jul;77(7):813–4

Recapping used needles: is it worse than the alternative? [letter] Jagger J, et al. **J Infect Dis** 1990 Sep;162(3):784–5

Carotid artery trauma: management based on mechanism of injury. Fabian TC, et al. **J Trauma** 1990 Aug;30(8):953–61; discussion 961–3

Fibrin glue as a hemostatic agent in hepatic and splenic trauma. Ochsner MG, et al. **J Trauma** 1990 Jul;30(7):884–7

Arterial trauma of the upper extremity in children. Wolf YG, et al. **J Trauma** 1990 Jul;30(7):903–5

WOUNDS, STAB

Systemic arterial air embolism in penetrating lung injury. Estrera AS, et al. **Ann Thorac Surg** 1990 Aug;50(2):257–61

WRIST

The wrist sign in Marfan syndrome [letter] Cheng TO. **Postgrad Med** 1990 Aug;88(2):53, 56

WRIST INJURIES

Imaging of the wrist. Levinsohn EM. **Radiol Clin North Am** 1990 Sep;28(5):905–21 (42 ref.)

WRIST JOINT

Mixed gonococcal and mycobacterial sepsis of the wrist. Rolfe B, et al. **Clin Orthop** 1990 Aug;(257):100–3

Imaging of the wrist. Levinsohn EM. **Radiol Clin North Am** 1990 Sep;28(5):905–21 (42 ref.)

WRITING

Erratum: Feldman, Gerber abstract [letter] Coles GV. **Am J Public Health** 1990 Sep;80(9):1137

Graphataxia [letter] Benbadis SR. **Ann Intern Med** 1990 Aug 1;113(3):257

Medical authorship: traditions, trends, and tribulations. Fye WB. **Ann Intern Med** 1990 Aug 15;113(4):317–25 (95 ref.)

Cohort studies: what editors want from authors and peer reviewers [editorial] Squires BP, et al. **Can Med Assoc J** 1990 Aug 1;143(3):179–80

X CHROMOSOME

Origin of mutations in two families with X-linked chronic granulomatous disease. Francke U, et al. **Blood** 1990 Aug 1;76(3):602–6

RFLP and deletion analysis for X-linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Pelham A, et al. **Blood** 1990 Aug 15;76(4):820–4

XANTHENES

Studies on the pharmacokinetics and mutagenic potential of rhodamine B. Elliott GS, et al. **J Toxicol Clin Toxicol** 1990; 28(1):45–59

XANTHOMATOSIS

Xanthogranulomatous endometritis. Report of six cases and a proposed mechanism of development. Russack V, et al. **Arch Pathol Lab Med** 1990 Sep;114(9):929–32

XENON

Xenon for anaesthesia [letter] James PB. **Lancet** 1990 Aug 4;336(8710):324

Y CHROMOSOME

Rapid determination of fetal sex [letter] Stephens JD. **Am J Obstet Gynecol** 1990 Aug;163(2):683–4

Isolation of fetal trophoblast cells from peripheral blood of pregnant women. Mueller UW, et al. **Lancet** 1990 Jul 28; 336(8709):197–200

YEASTS

Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans. Czop JK, et al. **J Immunol** 1990 Aug 1; 145(3):995–1001

YERSINIA INFECTIONS

Bacterial ileocaecitis and appendicitis [letter] Van Noyen R, et al. **Lancet** 1990 Aug 25;336(8713):518

ZELLWEGER SYNDROME

Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Martínez M. **Neurology** 1990 Aug;40(8):1292–8

ZIDOVUDINE

Zidovudine for the treatment of HIV infection. Pepe R, et al. **Am Fam Physician** 1990 Aug;42(2):437–43 (33 ref.)

Vulvar ulcer of unknown etiology in a human immunodeficiency virus-infected woman: response to treatment with zidovudine. Covino JM, et al. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):116–8

Development of non-Hodgkin lymphoma in a cohort of patients with severe human immunodeficiency virus (HIV) infection on long-term antiretroviral therapy. Pluda JM, et al. **Ann Intern Med** 1990 Aug 15;113(4):276–82

Compliance with zidovudine therapy [letter] Reichman LB. **Ann Intern Med** 1990 Aug 15;113(4):332–3

Subcutaneous recombinant granulocyte-macrophage colony-stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Pluda JM, et al. **Blood** 1990 Aug 1;76(3):463–72

Population pharmacokinetics of zidovudine. The Veterans Administration Cooperative Studies Group. Gitterman SR, et al. **Clin Pharmacol Ther** 1990 Aug;48(2):161–7

Lack of effect of lithium carbonate on zidovudine-associated neutropenia in patients with AIDS [letter] Worthington M. **J Infect Dis** 1990 Sep;162(3):77–8

Zidovudine with probenecid [letter] Duckworth AS, et al. **Lancet** 1990 Aug 18;336(8712):441

Intrathecal zidovudine for AIDS dementia [letter] Routy JP, et al. **Lancet** 1990 Jul 28;336(8709):248

Zidovudine in asymptomatic HIV infection [letter] **N Engl J Med** 1990 Sep 13;323(11):754–6

ZINC

Zinc metabolism in celiac disease. Crofton RW, et al. **Am J Clin Nutr** 1990 Aug;52(2):379–82

Zinc, preeclampsia, and gamma-aminobutyric acid [letter] Brophy MH. **Am J Obstet Gynecol** 1990 Jul;163(1 Pt 1):242–3

Further studies on selective radioprotection by organic zinc salts and synergism of zinc aspartate with WR 2721. Floersheim GL, et al. **Br J Radiol** 1990 Jun;63(750):468–75

Relation between zinc status and hepatic functional reserve in patients with liver disease. Goode HF, et al. **Gut** 1990 Jun;31(6):694–7

Zinc: consumption patterns and dietary recommendations. Moser-Veillon PB. **J Am Diet Assoc** 1990 Aug; 90(8):1089–93

Zinc supplementation during diarrhoea, a fortification against malnutrition? [letter] Behrens RH, et al. **Lancet** 1990 Aug 18;336(8712):442–3

ZONA FASCICULATA

Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. Kater CE, et al. **J Clin Endocrinol Metab** 1990 Aug;71(2):305–10

ZONA GLOMERULOSA

Effects of high potassium concentration and dihydropyridine Ca2(+)-channel agonists on cytoplasmic Ca2+ and aldosterone production in rat adrenal glomerulosa cells. Balla T, et al. **Endocrinology** 1990 Aug;127(2):815–22

A potential role for phospholipase-D in the angiotensin-II-induced stimulation of aldosterone secretion from bovine adrenal glomerulosa cells. Bollag WB, et al. **Endocrinology** 1990 Sep;127(3):1436–43

Effects of endothelin-1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Cozza EN, et al. **Endocrinology** 1990 Aug;127(2):549–54

Cytosolic calcium and aldosterone response patterns of rat adrenal glomerulosa cells stimulated by vasopressin: comparison with angiotensin II. Quinn SJ, et al. **Endocrinology** 1990 Aug;127(2):541–8

ZYGOMA

Effects of unilateral premature fusion of the zygomaxillary suture on the growth of nasomaxillary complex. Thimaporn J, et al. **J Oral Maxillofac Surg** 1990 Aug;48(8):835–41

The placement of screws above the zygomaticofrontal suture. Zide MF, et al. **J Oral Maxillofac Surg** 1990 Aug; 48(8):813–6

ABRIDGED INDEX MEDICUS

AUTHOR SECTION

A

Aagaard J see **Christensen MM**
Aantaa R, Kanto J, Scheinin M, Kallio A, Scheinin H. Dexmedetomidine, an alpha 2-adrenoceptor agonist, reduces anesthetic requirements for patients undergoing minor gynecologic surgery. Anesthesiology 1990 Aug; 73(2):230-5
Aaronoff M see **Haft JI**
Abara E, Merguerian PA, McLorie GA, Psihramis KE, Jewett MA, Churchill BM. Lithostar extracorporeal shock wave lithotripsy in children. J Urol 1990 Aug;144(2 Pt 2):489-91; discussion 492-3
Abascal VM, Wilkins GT, O'Shea JP, Choong CY, Palacios IF, Thomas JD, Rosas E, Newell JB, Block PC, Weyman AE. Prediction of successful outcome in 130 patients undergoing percutaneous balloon mitral valvotomy [see comments] Circulation 1990 Aug;82(2):448-56. Comment in: Circulation 1990 Aug;82(2):643-5.
Abascal VM see **Flachskampf FA**
Abbas S see **Dodwell D**
Abbott TM see **Branch DW**
Abbott WG, Swinburn B, Ruotolo G, Hara H, Patti L, Harper I, Grundy SM, Howard BV. Effect of a high-carbohydrate, low-saturated-fat diet on apolipoprotein B and triglyceride metabolism in Pima Indians. J Clin Invest 1990 Aug; 86(2):642-50
Abbottsmith C see **O'Connor CM**
Abboud FM see **Xie PL**
Abboud S see **Leor J**
Abbruzzese PA see **Meloni L**
Abd-Elfattah AS see **Rebeyka IM**
Abdalla S, Marco F, Pérez RM, Piqué JM. Reproducible test for detecting Helicobacter pylori in frozen samples [letter] J Clin Pathol 1990 Jun;43(6):519
Abdel Gadir AA, Ramadan AA. Abnormal ovarian cell line: a cause for ovarian failure. Case report. Br J Obstet Gynaecol 1990 May;97(5):446-8
Abdelhak S see **Melki J**
Abdellah FG. The nursing shortage: dynamics and solutions. Reflections on a recurring theme. Nurs Clin North Am 1990 Sep;25(3):509-16 (18 ref.)
Abdolrasulnia R see **Shepherd VL**
Abdon P, Turner MS, Pettersson H, Lindstrand A, Stenström A, Swanson AJ. A long-term follow-up study of total meniscectomy in children. Clin Orthop 1990 Aug; (257):166-70
Abdool-Carrim AT see **Muckart DJ**
Abdrahmanov DN see **Balmukhanov SB**
Abdul-Quader A see **Kreek MJ**
Abdullah A see **Strock LL**
Abdullah MA see **al Kasab SM**
Abe H see **Ashida T**
Abe M, Tabuchi K, Takagi M, Matsumoto S, Shimokama T, Kishikawa T. Spontaneous resolution of multiple hemangiomas of the brain. Case report. J Neurosurg 1990 Sep;73(3):448-52
Abe M see **Shibamoto Y**
Abe S, Tachibana M, Shiraishi M, Nakamura T. Lymph node metastasis in resectable esophageal cancer [see comments] J Thorac Cardiovasc Surg 1990 Aug;100(2):287-91. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):314-6.
Abe W see **Kurokawa S**
Abel PD, Foster CS, Tebbutt S, Williams G. Differences in expression of oligosaccharide determinants by phenotypically distinct sublines of the Dunning 3327 rat prostate cancer. J Urol 1990 Sep;144(3):760-5
Abeler VM see **Vergote IB**
Aber V see **Lemery R**
Aberle DR see **Brown K**
Ablaza SG see **Woldow AB**
Abo T see **Seki S**
Aboseif SR, Wetterauer U, Breza J, Benard F, Bosch R, Stief CG, Lue TF, Tanagho E. The effect of venous incompetence and arterial insufficiency on erectile function: an animal model. J Urol 1990 Sep;144(3):790-3
Abraham RT see **Einspahr KJ**
Abraham RT see **Leibson PJ**
Abraham-Fuchs K see **Schneider S**
Abrahamson MJ. Death from diabetic ketoacidosis after cessation of octreotide in acromegaly [letter] Lancet 1990 Aug 4;336(8710):318-9
Abrams J. New insights into the management of myocardial ischemia. Overview. Am Heart J 1990 Sep;120(3):719-21; discussion 743-5
Abrams J. Management of myocardial ischemia: role of intermittent nitrate therapy. Am Heart J 1990 Sep; 120(3):762-5; discussion 769-72 (25 ref.)
Abrams RS see **Hooper PL**
Abramson NS, Safar P. Deferred consent: use in clinical resuscitation research. Brain Resuscitation Clinical Trial II Study Group. Ann Emerg Med 1990 Jul;19(7):781-4
Abrate M see **Petraglia F**
Abrutyn E. Photopheresis and human immunodeficiency virus (HIV) infection: the Annals views preliminary reports [editorial; comment] Ann Intern Med 1990 Aug 15; 113(4):263-4. Comment on: Ann Intern Med 1990 Aug 15;113(4):270-5.
Abshire TC, Gold SH, Odom LF, Carson SD, Hathaway WE. The coagulopathy of childhood leukemia. Thrombin activation or primary fibrinolysis? Cancer 1990 Aug 15; 66(4):716-21
Abson KG see **Berg D**
Abu Chra KA see **al Muhanna A**
Abu-Jawdeh GM see **Ollendorff DA**
Acar C see **Deloche A**
Acar C see **Jebara VA**
Acarregui MJ, Snyder JM, Mitchell MD, Mendelson CR. Prostaglandins regulate surfactant protein A (SP-A) gene expression in human fetal lung in vitro. Endocrinology 1990 Sep;127(3):1105-13
Aceti A, Celestino D, Pennica A, Leri O, Caferro M. Antibodies to Helicobacter pylori in HIV infection [letter] Lancet 1990 Sep 1;336(871):571
Acheson LS, Harris SE, Zyzanski SJ. Patient selection and outcomes for out-of-hospital births in one family practice [see comments] J Fam Pract 1990 Aug;31(2):128-36. Comment in: J Fam Pract 1990 Aug;31(2):125-7.
Achilli G see **Zella D**
Acinapura AJ see **Adkins MS**
Acker M see **Jebara VA**
Ackermann D see **Studer UE**
Ackermann RF see **Lear JL**
Ackroyd CE see **Langkamer VG**
Ackroyd CE see **Ward AJ**
Adachi K see **Kawai H**
Adair O see **Rector WG Jr**
Adam E see **Van Sickle M**
Adami HO see **Enblad G**
Adami HO see **Enblad P**
Adami N see **Perrin LH**
Adamick R, Zoneraich S. Echocardiographic visualization of a large mobile right atrial thrombus with sudden embolization during real-time scanning. Am Heart J 1990 Sep;120(3):699-701
Adams DB. Douglas Waddell Jolly as a pioneer in the surgical treatment of trauma. Surg Gynecol Obstet 1990 Sep; 171(3):253-6
Adams JH, Howatson AG. Cerebral lymphomas: review of 70 cases. J Clin Pathol 1990 Jul;43(7):544-7
Adams JM see **Rich GF**
Adams KF see **Sheps DS**
Adams MA see **Weiss AP**
Adams MR see **Jayo MJ**
Adams VI. Myocarditis [letter] JAMA 1990 Aug 8; 264(6):694-5
Adamson IY, Hedgecock C, Bowden DH. Epithelial cell-fibroblast interactions in lung injury and repair. Am J Pathol 1990 Aug;137(2):385-92
Adamson MD see **Sonies BC**
Addison GM. Urinary growth hormone excretion [letter] Arch Dis Child 1990 Jul;65(7):811-2
Adelaar RS see **Blumberg KD**
Ades AE. Evaluating screening tests and screening programmes. Arch Dis Child 1990 Jul;65(7):792-5 (22 ref.)
Ades PA, Grunvald MH. Cardiopulmonary exercise testing before and after conditioning in older coronary patients. Am Heart J 1990 Sep;120(3):585-9
Adhikari A see **Farooque M**
Adinoff B see **Brady K**
Adkins MS, Raccuia JS, Acinapura AJ. Esophageal perforation in a patient with acquired immunodeficiency syndrome. Ann Thorac Surg 1990 Aug;50(2):299-300
Adkinson NF Jr see **Adourian UA**
Adler AG see **Russin SJ**
Adler DD, Helvie MA, Oberman HA, Ikeda DM, Bhan AO. Radial sclerosing lesion of the breast: mammographic features. Radiology 1990 Sep;176(3):737-40
Adler R, Stowe S. Radiation exposure of pediatrics residents. Acad Med 1990 Jun;65(6):419-20
Adler-Storthz K see **Van Sickle M**
Adourian UA, Hirshman CA, Adkinson NF Jr, Weiss ME. Immunoreactivity of protamine preparations used to reverse heparin anticoagulation. Anesthesiology 1990 Aug; 73(2):328-31
Adriaensen H see **Vercauteren M**
Advani SH see **Charak BS**
Adzick NS see **Crombleholme TM**
Aebersold P see **Rosenberg SA**
Aebi U, Reinhart WH. Beclobrate and liver disease [letter] Ann Intern Med 1990 Sep 15;113(6):483
Aelbers GN see **De Muylder X**
Affinito V see **Ferrazza A**
Agarwal SK see **Misra SP**
Agata H see **Kondo N**
Agawa S, Jass JR. Sialic acid histochemistry and the adenoma-carcinoma sequence in colorectum. J Clin Pathol 1990 Jul;43(7):527-32
Aggazzotti G, Fantuzzi G, Tartoni PL, Predieri G. Plasma chloroform concentrations in swimmers using indoor swimming pools. Arch Environ Health 1990 May-Jun; 45(3):175-9
Aggett PJ see **Crofton RW**
Aghai E see **Froom P**
Aghai E see **Quitt M**
Agid Y see **Vidailhet MJ**
Aglietti P see **Matucci-Cerinic M**
Agmon J see **Strasberg B**
Agnew JE see **Mier A**
Agostini C, Zambello R, Trentin L, Feruglio C, Masciarelli M, Siviero F, Poletti V, Spiga L, Gritti F, Semenzato G. Cytotoxic events taking place in the lung of patients with HIV-1 infection. Evidence of an intrinsic defect of the major histocompatibility complex-unrestricted killing partially restored by the incubation with rIL-2. Am Rev Respir Dis 1990 Sep;142(3):516-22
Agostoni A see **Cicardi M**
Agran PF, Winn DG, Castillo DN. Pediatric injuries in the back of pickup trucks. JAMA 1990 Aug 8;264(6):712-6
Agre P see **Conboy J**
Agre P see **Marchesi SL**
Aguilar C see **Mulrow CD**
Aguilar-Bryan L see **Boyd AE 3d**
Aguilar-Martinez P see **Gris JC**
Agusti AG, Roca J, Bosch J, Garcia-Pagan JC, Wagner PD, Rodriguez-Roisin R. Effects of propranolol on arterial oxygenation and oxygen transport to tissues in patients with cirrhosis. Am Rev Respir Dis 1990 Aug;142(2):306-10
Ah-See AK see **Naylor AR**
Ahearn DG see **Wilson LA**
Ahlering T see **Weiss RE**
Ahmad A see **Wang CH**
Ahmad D see **Reid KR**
Ahmad M see **Gephardt GN**
Ahmad S. Disopyramide: pulmonary complications and glaucoma [letter] Mayo Clin Proc 1990 Jul;65(7):1030-1
Ahmed F, Ellis J, Murphy J, Wootton S, Jackson AA. Excessive faecal losses of vitamin A (retinol) in cystic fibrosis. Arch Dis Child 1990 Jun;65(6):589-93
Ahmed F see **Clemens JD**
Ahmed S see **Shapira N**
Ahmed SW see **Mogadam M**
Ahmed T see **Alam AN**
Ahrens H see **Furlow JD**
Aikawa M, Iseki M, Barnwell JW, Taylor D, Oo MM, Howard RJ. The pathology of human cerebral malaria. Am J Trop Med Hyg 1990 Aug;43(2 Pt 2):30-7 (17 ref.)
Aikawa M see **Iseki M**
Aikawa M see **el Meanawy MA**
Aisen AM. Body MR imaging and the local staging of neoplasms [comment] Radiology 1990 Sep;176(3):617-9. Comment on: Radiology 1990 Sep;176(3):623-8.
Aisen M, Arlt G, Foster S. Diaphragmatic paralysis without bulbar or limb paralysis in multiple sclerosis. Chest 1990 Aug;98(2):499-501
Aitchison M see **Mufti GR**
Aitken HA, Clark EC, McArdle CS, Dimitri W, Kenny GN. Evaluation of two formulations of dihydrocodeine using patient-controlled analgesia. Anaesthesia 1990 Jul; 45(7):535-7
Aitken RJ, MacDonald HL, Kirkpatrick AE, Anderson TJ, Chetty U, Forrest AP. Outcome of surgery for non-palpable mammographic abnormalities. Br J Surg 1990 Jun;

77(6):673–6
Aitken RJ see **Braude P**
Aitkolova ZK see **Balmukhanov SB**
Aizawa H, Inoue H, Miyazaki N, Ikeda T, Shigematsu N, Ito Y. Effects of azelastine on vagal neuroeffector transmission in canine and human airway smooth muscle. J Allergy Clin Immunol 1990 Aug;86(2):171–6
Aizawa T, Ishihara M, Koizumi Y, Hashizume K, Takasu N, Yamada T, Kobayashi I, Watanabe T, Shimizu Z. Serum thyroglobulin concentration as an indicator for assessing thyroid stimulation in patients with Graves' disease during antithyroid drug therapy. Am J Med 1990 Aug; 89(2):175–80
Aizley HG see **Pope HG Jr**
Aji T see **el Meanawy MA**
Akagi T, Kato H, Inoue O, Sato N, Imamura K. Valvular heart disease in Kawasaki syndrome: incidence and natural history. Am Heart J 1990 Aug;120(2):366–72
Akana SF see **Walker CD**
Akatsuka H see **Ishiguro Y**
Akerley B see **Nel AE**
Akervall S see **Oresland T**
Akester J see **Harris WS**
Akiba J, Yoshida A, Trempe CL. Risk of developing a macular hole [see comments] Arch Ophthalmol 1990 Aug; 108(8):1088–90. Comment in: Arch Ophthalmol 1990 Aug;108(8):1085–6.
Akimura T see **Nishizaki T**
Akiya F see **Kaufman E**
Akiyama H see **Nakagawara A**
Akiyama S see **Kuwazuru Y**
Akiyama Y, Nishimura M, Suzuki A, Yamamoto M, Kishi F, Kawakami Y. Naloxone increases ventilatory response to hypercapnic hypoxia in healthy adult humans. Am Rev Respir Dis 1990 Aug;142(2):301–5
Akkermans LM see **Breumelhof R**
Akkermans LM see **Geldof H**
Akkersdijk GJ, Flu PK, Giard RW, van Lent M, Wallenburg HC. Malignant leiomyomatosis peritonealis disseminata. Am J Obstet Gynecol 1990 Aug;163(2):591–3
Akoum R see **Hajj C**
Akriviadis EA, Steindel H, Pinto PC, Fong TL, Kanel G, Reynolds TB, Gupta S. Failure of colchicine to improve short-term survival in patients with alcoholic hepatitis. Gastroenterology 1990 Sep;99(3):811–8
Alam AN, Alam NH, Ahmed T, Sack DA. Randomised double blind trial of single dose doxycycline for treating cholera in adults. BMJ 1990 Jun 23;300(6740):1619–21
Alam NH see **Alam AN**
Alarcón GS, Schrohenloher RE, Bartolucci AA, Ward JR, Williams HJ, Koopman WJ. Suppression of rheumatoid factor production by methotrexate in patients with rheumatoid arthritis. Evidence for differential influences of therapy and clinical status on IgM and IgA rheumatoid factor expression. Arthritis Rheum 1990 Aug;33(8):1156–61
Albanese J, Martin C, Lacarelle B, Saux P, Durand A, Gouin F. Pharmacokinetics of long-term propofol infusion used for sedation in ICU patients. Anesthesiology 1990 Aug; 73(2):214–7
Albarrán F see **Yebra M**
Albeck M see **Kalechman Y**
Albers JW see **Albin RL**
Albert DM see **Elner SG**
Albert DM see **O'Brien JM**
Albert E see **Mayer JM**
Albert MS, Duffy FH, McAnulty GB. Electrophysiologic comparisons between two groups of patients with Alzheimer's disease. Arch Neurol 1990 Aug;47(8):857–63
Alberti D see **Sokal EM**
Alberti KG see **Kawo NG**
Alberti M see **Benhorin J**
Albertí R see **Joven J**
Alberts KA, Jervaeus J. Factors predisposing to healing complications after internal fixation of femoral neck fracture. A stepwise logistic regression analysis. Clin Orthop 1990 Aug;(257):129–33
Albertson TE see **Chan AL**
Albin RL, Albers JW. Long-term follow-up of pyridoxine-induced acute sensory neuropathy-neuronopathy. Neurology 1990 Aug; 40(8):1319
Albores-Saavedra J see **Essenfeld H**
Albrecht GR see **Howard RJ**
Albrecht RF see **Baughman VL**
Albrecht W see **Flamm J**
Alden SM see **Flanchaum L**
Aldren CJ see **Hoare TJ**
Aldrete JA see **Plancarte R**
Aldrich TK see **Multz AS**
Aldridge HE see **Spears JR**
Aldridge SC see **Schenk WG 3d**
Alejandro R see **Tzakis AG**
Alemany J see **Soler AP**
Ales KL, Druzin ML, Santini DL. Impact of advanced maternal age on the outcome of pregnancy. Surg Gynecol Obstet 1990 Sep;171(3):209–16
Alessio M, Roggero S, Funaro A, De Monte LB, Peruzzi L, Geuna M, Malavasi F. CD38 molecule: structural and biochemical analysis on human T lymphocytes, thymocytes, and plasma cells. J Immunol 1990 Aug 1; 145(3):878–84
Alestig K see **Bergström T**
Alexander AH see **Barrack RL**
Alexander C see **Koller W**
Alexander GJ see **Sheron N**
Alexander GR see **Gibson JJ**
Alexander IS see **Chidiac P**
Alexander N see **Ludman P**
Alexander RB, Rosenberg SA. Long-term survival of adoptively transferred tumor-infiltrating lymphocytes in mice. J Immunol 1990 Sep 1;145(5):1615–20
Alexander RC. Education of the physician in child abuse. Pediatr Clin North Am 1990 Aug;37(4):971–88 (31 ref.)
Alexander S see **Castro O**
Alexander SR see **Leone MR**
Alexander SS see **Yanagihara R**
Alexander WJ see **Barbone F**
Alexander-Williams J see **Morel P**
Alexander-Williams J see **Winslet MC**
Alexanian R, Barlogie B, Dixon D. Renal failure in multiple myeloma. Pathogenesis and prognostic implications. Arch Intern Med 1990 Aug;150(8):1693–5
Alexanian R see **Barlogie B**
Alexopoulos D see **Hjemdahl-Monsen CE**
Alexopoulos D see **Sanborn TA**
Alfonso F see **Lemery R**
Alford BR see **Eicher SA**
Ali AH. Borderline personality and multiple earrings: a possible correlation? [letter] Am J Psychiatry 1990 Sep; 147(9):1251
Ali IM, Butler CK, Armour JA, Murphy DA. Modification of supraventricular tachyarrhythmias by stimulating atrial neurons. Ann Thorac Surg 1990 Aug;50(2):251–6
Ali MS, French TA, Hastings GW, Rae T, Rushton N, Ross ER, Wynn-Jones CH. Carbon fibre composite bone plates. Development, evaluation and early clinical experience. J Bone Joint Surg [Br] 1990 Jul;72(4):586–91
Aliabadi H, Reinberg Y, Gonzalez R. Percutaneous balloon dilation of ureteral strictures after failed surgical repair in children. J Urol 1990 Aug;144(2 Pt 2):486–8; discussion 492–3
Aliot E see **Leclercq JF**
Alken PM see **Mickisch GH**
Allaerts W, Engelborghs Y, Van Oostveldt P, Denef C. Evidence that folliculo-stellate cells do not impede the permeability of intercellular spaces to molecular diffusion in three-dimensional aggregate cell cultures of rat anterior pituitary. Endocrinology 1990 Sep;127(3):1517–25
Alland MJ see **Peel C**
Allard SA, Bayliss MT, Maini RN. The synovium-cartilage junction of the normal human knee. Implications for joint destruction and repair. Arthritis Rheum 1990 Aug; 33(8):1170–9
Allavena P see **Cicardi M**
Allen DB, Sieger JE, Litsheim T, Duck SC. Age-adjusted thyrotropin criteria for neonatal screening for hypothyroidism. J Pediatr 1990 Aug;117(2 Pt 1):309–12
Allen DT see **Rashtian MY**
Allen DT see **Rosenblum LS**
Allen E see **Evers BM**
Allen GA see **Faerber TH**
Allen HM see **Allon M**
Allen JN, Davis WB, Pacht ER. Diagnostic significance of increased bronchoalveolar lavage fluid eosinophils. Am Rev Respir Dis 1990 Sep;142(3):642–7
Allen JN, Wewers MD. Acute myocardial infarction with cardiogenic shock during pregnancy: treatment with intra-aortic balloon counterpulsation. Crit Care Med 1990 Aug;18(8):888–9
Allen L see **Lo AK**
Allen MJ see **Lloyd DM**
Allen RM see **Spengler RN**
Allen RP see **Chan AL**
Allen WC. The relationship between residency programs and fellowships in the educational setting. Clin Orthop 1990 Aug;(257):57–60
Allenby PA, Boesel CP, Marsh WL Jr. Diffuse angiomatosis of the extremities presenting as a sarcoma. Arch Pathol Lab Med 1990 Sep;114(9):987–90
Alling DW see **Margolis DM**
Allison AC see **Campbell MJ**
Allison C see **Gibson GR**
Allison DJ see **Chilvers ER**
Allison EJ Jr see **Gallery ME**
Allison RT, Whittaker DK. Use of benzidine for histological demonstration of haemoglobin in human bite marks. J Clin Pathol 1990 Jul;43(7):600–3
Alloisio N see **Morlé L**
Allon M, Allen HM, Deck LV, Clark ML. Role of cigarette use in hyponatremia in schizophrenic patients. Am J Psychiatry 1990 Aug;147(8):1075–7
Allred EN see **Van Marter LJ**
Allred T see **Craven CM**
Alm A see **Villumsen J**
Alm GV see **Sandberg K**
Almdal TP, Heindorff H, Bardram L, Vilstrup H. Increased amino acid clearance and urea synthesis in a patient with glucagonoma. Gut 1990 Aug;31(8):946–8
Almeida RM see **Ferreira MJ**
Almgren B see **Karacagil S**
Almgren CN see **Baxter BT**
Almkvist O see **Tomson T**
Alonso J see **Garcia-Dorado D**
Alpers DH see **North CS**
Alpert BS see **Whitney TM**
Alpert J see **Eisenbud DE**
Alpert J see **Kahle WK**
Alspaugh M see **Kushner RF**
Altenberger H see **Haisjackl M**
Alterman AI, Kushner H, Holahan JM. Cognitive functioning and treatment outcome in alcoholics. J Nerv Ment Dis 1990 Aug;178(8):494–9
Altman DG see **Earley A**
Altman LC see **Grammer LC**
Altman LC see **Sparks PJ**
Alton EW see **Nichol GM**
Altwicker A see **Howland J**
Alva P see **Hyams KC**
Alvarez JG see **Rennert H**
Amadeo C see **Staiano-Coico L**
Amano T, Freeman GL Jr, Colley DG. Reduced reproductive efficiency in mice with schistosomiasis mansoni and in uninfected pregnant mice injected with antibodies against Schistosoma mansoni soluble egg antigens. Am J Trop Med Hyg 1990 Aug;43(2):180–5
Amano T, Kumini K, Nakashima K, Uchibayashi T, Hisazumi H. A combined therapy of hyperthermia and tumor necrosis factor for nude mice bearing KK-47 bladder cancer. J Urol 1990 Aug;144(2 Pt 1):370–4
Amato DA see **Borden EC**
Amato Neto V see **Giannini MJ**
Ambach W see **Staehelin J**
Ambros RA see **Eng RH**
Ambrose JA see **Hjemdahl-Monsen CE**
Ambrus JL Jr see **Goldstein H**
Amende I see **Gulba DC**
Amescua C see **Plancarte R**
Amin M see **Phillips BA**
Amini SB see **Sheehan JP**
Amir D, Frankl U, Pogrund H. Pulled elbow and hypermobility of joints. Clin Orthop 1990 Aug;(257):94–9
Amirault HJ see **Jones GS**
Amirav I. Variables in histamine inhalation tests [letter] Chest 1990 Aug;98(2):518–9
Amit T, Barkey RJ, Youdim MB, Hochberg Z. A new and convenient assay of growth hormone-binding protein activity in human serum. J Clin Endocrinol Metab 1990 Aug;71(2):474–80
Amor B see **Will RK**
Amstutz HC see **Davlin LB**
Amstutz HC see **Kody MH**
Amyes SG see **Barg NL**
Amyes SG see **Woodford N**
An T see **Cho KH**
Anand IS see **Bali HK**
Anand IS see **Kalra GS**
Ananthanarayan C. Tussive effect of fentanyl [letter] Anaesthesia 1990 Jul;45(7):595
Anda S see **Terjesen T**
Anderman C see **Taplin SH**
Andermann E see **Goossens LA**
Andermann F see **Goossens LA**
Andersen BR see **Jones GS**
Andersen C, Madsen GM. Rate-responsive pacemakers and anaesthesia. A consideration of possible implications. Anaesthesia 1990 Jun;45(6):472–6 (35 ref.)
Andersen JP see **Bitsch M**
Andersen JW see **Licht JD**
Andersen RM, Lyttle C, Kohrman CH, Levey GS, Neymarc K, Schmidt C. National Study of Internal Medicine Manpower: XVII. Changes in the characteristics of internal medicine residents and their training programs, 1988–1989. Ann Intern Med 1990 Aug 1;113(3):243–9
Andersen TT see **Vakharia DD**
Andersen TT see **Weiner RS**
Anderson AC, Levine E, Stern B. An estimate of the need for environmental health academicians in the workforce. Public Health Rep 1990 Jul-Aug;105(4):410–4
Anderson BJ see **Dyer RA**
Anderson BO, Brown JM, Bensard DD, Grosso MA, Banerjee A, Patt A, Whitman GJ, Harken AH. Reversible lung neutrophil accumulation can cause lung injury by elastase-mediated mechanisms. Surgery 1990 Aug; 108(2):262–7; discussion 267–8
Anderson CB see **Jendrisak MD**
Anderson CL see **Salatka M**
Anderson CM, Saloner D, Lee RE, Fortner A. Dedicated coil for carotid MR angiography. Radiology 1990 Sep; 176(3):868–72
Anderson DC see **Smith CL**
Anderson DS see **Dayton VD**
Anderson E see **Ramsewak SS**
Anderson GM, Spitzer WO, Weinstein MC, Wang E, Blackburn JL, Bergman U. Benefits, risks, and costs of prescription drugs: a scientific basis for evaluating policy options. Clin Pharmacol Ther 1990 Aug;48(2):111–9
Anderson HJ. Hospitals get help in running hospices. Hospitals 1990 Aug 5;64(15):73–4
Anderson HJ. Former governor advocates health care rationing. Hospitals 1990 Aug 20;64(16):46–7
Anderson HJ, Hudson T, Eubanks P. Outpatient care: a nationwide revolution. Hospitals 1990 Aug 5;64(15):28–35
Anderson HJ. Hospitals should develop charity reporting policy. Hospitals 1990 Aug 20;64(16):60
Anderson HJ. CFOs see physician relations as key to financial performance. Hospitals 1990 Aug 20;64(16):38–42

Anderson HR. Increase in deaths from deliberate inhalation of fuel gases and pressurised aerosols [letter] BMJ 1990 Jul 7;301(6742):41
Anderson HR see **Mitchell EA**
Anderson HV see **Yao SK**
Anderson ID, Little RA, Irving MH. An effect of trauma on human cardiovascular control: baroreflex suppression. J Trauma 1990 Aug;30(8):974–81; discussion 981–2
Anderson J see **Lu S**
Anderson JL. Should complex ventricular arrhythmias in patients with congestive heart failure be treated? A protagonist's viewpoint. Am J Cardiol 1990 Aug 15; 66(4):447–50 (30 ref.)
Anderson JM, Kaplan MS, Felsenthal G. Brain injury obscured by chronic pain: a preliminary report. Arch Phys Med Rehabil 1990 Aug;71(9):703–8
Anderson JS see **Krupski WC**
Anderson JW, Smith BM, Gell PB. High-fiber diet for diabetes. Safe and effective treatment. Postgrad Med 1990 Aug;88(2):157–61, 164, 167–8 (20 ref.)
Anderson KC see **Licht JD**
Anderson KD, Rouse TM, Randolph JG. A controlled trial of corticosteroids in children with corrosive injury of the esophagus [see comments] N Engl J Med 1990 Sep 6; 323(10):637–40. Comment in: N Engl J Med 1990 Sep 6;323(10):668–70.
Anderson KR see **Avol EL**
Anderson MB see **Kahle WK**
Anderson PG see **Litwin SE**
Anderson R. Immigrant attitudes toward the physician [letter] JAMA 1990 Sep 12;264(10):1252
Anderson R see **Richards GA**
Anderson R see **Shephard EG**
Anderson RJ, Cambria RA, Dikdan G, Lysz TW, Hobson RW 2d. Role of eicosanoids and white blood cells in the beneficial effects of limited reperfusion after ischemia-reperfusion injury in skeletal muscle. Am J Surg 1990 Aug;160(2):151–5
Anderson SK see **Desch LW**
Anderson T see **Prazma J**
Anderson TJ see **Aitken RJ**
Anderson TL see **Osteen KG**
Anderson VE see **Dische FE**
Anderson VE see **Hauser WA**
Andersson HC see **Sonies BC**
Andersson S see **Lephart ED**
Andersson SO see **Ferry S**
Andersson T see **Elvin A**
Ando K see **Fujita T**
Andrassy RJ see **Black CT**
Andreassian B see **Sleiman C**
Andreotti L see **Gorini M**
Andresen AF Jr see **Brandstetter RD**
Andresen J see **Ulich TR**
Andrews DF see **Bronspiegel-Weintrob N**
Andrews MI see **Birch PJ**
Andrews PJ, Wright DJ, Lamont MC. Flumazenil in the outpatient. A study following midazolam as sedation for upper gastrointestinal endoscopy. Anaesthesia 1990 Jun; 45(6):445–8
Andrews R, Russell N. Aplastic anaemia associated with a non-steroidal anti-inflammatory drug: relapse after exposure to another such drug. BMJ 1990 Jul 7; 301(6742):38
Andrews SF see **Low BP**
Andrews WR, Arnold JM, Sibbald WJ. Threatened reinfarction. Effective therapy using streptokinase with reversal of cardiogenic shock. Chest 1990 Aug;98(2):495–7
Andriakos P see **Esposito RA**
Andronis PT see **Kushner RF**
Andrus S see **Spears JR**
Anema MG, Byrd GL. Contracting: a partnership between hospitals and schools of nursing. J Nurs Adm 1990 Jul-Aug;20(7–8):7, 17
Ang K see **Weber RS**
Ang MS, Thorp JA, Parisi VM. Maternal lithium therapy and polyhydramnios. Obstet Gynecol 1990 Sep;76(3 Pt 2):517–9
Angel A see **Zaigmond E**
Angel JL see **Carlan SJ**
Angeli SJ. Superior vena cava syndrome following pacemaker insertion post atrial septal defect repair. Am Heart J 1990 Aug;120(2):433–5
Angelides EM see **Esposito RA**
Angelin B see **Berglund L**
Angelini GD, Azzu AA. A fiber-optic retractor for harvesting the internal mammary artery. Ann Thorac Surg 1990 Aug; 50(2):314–5
Angelini GD see **Bryan AJ**
Angell WW. Invited letter concerning: stentless porcine aortic bioprosthesis [letter] J Thorac Cardiovasc Surg 1990 Aug; 100(2):317
Angeloni U, Bozzao L, Fantozzi L, Bastianello S, Kushner M, Fieschi C. Internal borderzone infarction following acute middle cerebral artery occlusion. Neurology 1990 Aug;40(8):1196–8
Angerås U see **Hall-Angerås M**
Angermeier KW, Ross JH, Novick AC, Pontes JE, Cosgrove DM. Resection of nonrenal retroperitoneal tumors with large vena caval thrombi using cardiopulmonary bypass and hypothermic circulatory arrest. J Urol 1990 Sep; 144(3):735–9
Angervall L see **Stenman G**
Ango A see **Warter A**
Aniskiewicz AS, Frumkin NL, Brady DE, Moore JB, Pera A. Magnetic resonance imaging and neurobehavioral correlates in schizencephaly. Arch Neurol 1990 Aug; 47(8):911–6
Anjili CO see **Lawyer PG**
Ankerst J see **Zoucas E**
Annas GJ. Nancy Cruzan and the right to die. N Engl J Med 1990 Sep 6;323(10):670–3
Annas GJ, Arnold B, Aroskar M, Battin P, Bartels D, Beauchamp T, Brock D, Buchanan A, Caplan A, Cohen C, et al. Bioethicists' statement on the U.S. Supreme Court's Cruzan decision. N Engl J Med 1990 Sep 6;323(10):686–7
Annat GJ, Viale JP, Dereymez CP, Bouffard YM, Delafosse BX, Motin JP. Oxygen cost of breathing and diaphragmatic pressure-time index. Measurement in patients with COPD during weaning with pressure support ventilation. Chest 1990 Aug;98(2):411–4
Annegers JF see **Hauser WA**
Annesley TM see **Watkins PB**
Annis PG see **Kealy WF**
Al-Ansari AG see **al-Hindawi M**
Ansaruzzaman M see **Clemens JD**
Ansbacher R see **Punch MR**
Ansell B. Is there a treatment for the calcinosis of juvenile dermatomyositis? Br J Rheumatol 1990 Aug;29(4):263
Anstadt MP, Hendry PJ, Plunkett MD, Menius JA Jr, Pacifico AD Jr, Lowe JE. Mechanical cardiac actuation achieves hemodynamics similar to cardiopulmonary bypass. Surgery 1990 Aug;108(2):442–9; discussion 449–51
Anthony F see **Wheeler T**
Anthony JC see **Tien AY**
Antman EM, Braunwald E. Acute MI management in the 1990s. Hosp Pract [Off] 1990 Jul 15;25(7):65–75, 79–82
Antolini A see **Benigni A**
Anton R see **Brady K**
Anton RF Jr, Burch EA Jr. Amoxapine versus amitriptyline combined with perphenazine in the treatment of psychotic depression. Am J Psychiatry 1990 Sep;147(9):1203–8
Antonarakis SE. The mapping and sequencing of the human genome. South Med J 1990 Aug;83(8):876–8
Antoni M see **Bourlière M**
Antonioli D see **Burks RT**
Antunes MJ. Segmental tricuspid annuloplasty: a new technique [letter] J Thorac Cardiovasc Surg 1990 Aug; 100(2):320–1
Antusch D, Bonifacino JS, Burgess WH, Klausner RD. The T cell receptor-associated protein is proteolytically cleaved in a pre-Golgi compartment. J Immunol 1990 Aug 1; 145(3):885–90
Anyaegbunam A see **Marx GF**
Anyebuno MA see **Yeh TF**
Aoki Y see **Tanikawa S**
Aoyama T see **Mortimer EA Jr**
Apicella MA, Mandrell RE, Shero M, Wilson ME, Griffiss JM, Brooks GF, Lammel C, Breen JF, Rice PA. Modification by sialic acid of Neisseria gonorrhoeae lipooligosaccharide epitope expression in human urethral exudates: an immunoelectron microscopic analysis. J Infect Dis 1990 Aug;162(2):506–12
Aplin JD see **Graham RA**
Aplin JD see **Tidman MJ**
Apolloni A see **Sculley TB**
Apostolidis NS see **Stamatiadis AP**
Appelbaum F see **Radich JP**
Appelbaum FR see **Sandmaier BM**
Appelbaum FR see **Schuening FG**
Appelboom DK see **Jelicic M**
Appelman HD see **Lynch HT**
Appelmelk BJ see **Silva AT**
Appetito C see **Caione P**
Applebaum FR see **Bianco JA**
Applebaum H see **Koo AS**
Applebaum M see **Strom CM**
Applebaum R, Yellin AE, Weaver FA, Oberg J, Pentecost M. Role of routine arteriography in blunt lower-extremity trauma. Am J Surg 1990 Aug;160(2):221–4; discussion 224–5
Applegate WV. Lateral cutaneous nerve entrapment [letter] J Fam Pract 1990 Aug;31(2):212
Appleton GV, Davies PW, Williamson RC. Effect of defunction on cytokinetics and cancer at colonic suture lines. Br J Surg 1990 Jul;77(7):768–72
Appleyard WJ. Children's services in the new NHS—a struggle for survival? Arch Dis Child 1990 Jun;65(6):635–7
Aprahamian C see **Goodman LR**
Aprill C see **Walsh TR**
Arab S see **Ladusans EJ**
Arafah BM, Harrington JF, Madhoun ZT, Selman WR. Improvement of pituitary function after surgical decompression for pituitary tumor apoplexy. J Clin Endocrinol Metab 1990 Aug;71(2):323–8
Arai H see **Itoh H**
Arai S see **Chowdhury MI**
Arakawa K see **Kumagai K**
Araki T, Takamoto H, Hara T, Fujimoto H, Yoshida M, Katayama Y. The loop-loosening procedure for urination difficulties after Stamey suspension of the vesical neck. J Urol 1990 Aug;144(2 Pt 1):319–22; discussion 322–3
Aramendia M see **Ulibarri JI**
Aravagiri M see **Van Putten T**
Arbel Y see **Di Segni E**
Ardaillou R see **Dussaule JC**
Ardizzone S see **Porro GB**
Ardron ME, Main AN. Management of constipation [letter] BMJ 1990 May 26;300(6736):1400
Arend WP, Michel BA, Bloch DA, Hunder GG, Calabrese LH, Edworthy SM, Fauci AS, Leavitt RY, Lie JT, Lightfoot RW Jr, et al. The American College of Rheumatology 1990 criteria for the classification of Takayasu arteritis. Arthritis Rheum 1990 Aug;33(8):1129–34
Arend WP see **Bloch DA**
Arend WP see **Calabrese LH**
Arend WP see **Fries JF**
Arend WP see **Hunder GG**
Arend WP see **Leavitt RY**
Arend WP see **Lightfoot RW Jr**
Arend WP see **Masi AT**
Arend WP see **Mills JA**
Arfiero S see **Bedogni F**
Argente J see **Zeitler P**
Arikan U see **Durukan T**
Arima T see **Kuwazuru Y**
Aristidou A, Van den Hof MC, Campbell S, Nicolaides K. Uterine artery Doppler in the investigation of pregnancies with raised maternal serum alpha-fetoprotein. Br J Obstet Gynaecol 1990 May;97(5):431–5
Arlt G see **Aisen M**
Arlt G, Holland A, Lassiter A, Lieb J, Dasheiff R. Speech automatisms [letter] Neurology 1990 Aug;40(8):1320
Armand JP see **Tellez-Bernal E**
Armato DP, Czamecki D. Geniculate artery pseudoaneurysm: a rare complication of arthroscopic surgery [letter] AJR Am J Roentgenol 1990 Sep;155(3):659
Armes PJ see **Slevin ML**
Armitage JM, Pyne A, Williams SJ, Frankel H. Respiratory problems of air travel in patients with spinal cord injuries. BMJ 1990 Jun 9;300(6738):1498–9
Armitage JO see **Haire WD**
Armon C, McEvoy KM, Westmoreland BF, McManis PG. Clinical neurophysiologic studies in stiff-man syndrome: use of simultaneous video-electroencephalographic-surface electromyographic recording. Mayo Clin Proc 1990 Jul; 65(7):960–7
Armour JA see **Ali IM**
Armstrong JA see **Breinig MK**
Armstrong JS, Weinzwieg IP, Davies JD. Differential marking of excision planes in screened breast lesions by organically coloured gelatins. J Clin Pathol 1990 Jul;43(7):604–7
Armstrong PJ, Burgess RW. Choice of incision and pain following gallbladder surgery. Br J Surg 1990 Jul; 77(7):746–8
Armstrong PW see **Moe GW**
Armstrong RF see **Assem ES**
Armstrong WF see **Feinstein SB**
Arnal MC see **Monteagudo M**
Arnall M see **Elner SG**
Arnaud A see **Charpin D**
Arndt MR see **Reinhart RA**
Arnesjø B see **Bakkevold KE**
Arnett FC see **Goldstein R**
Arno PS see **Green J**
Arnold A see **Figueredo A**
Arnold A see **Friedman E**
Arnold B see **Annas GJ**
Arnold JD see **Feliciano NR**
Arnold JM see **Andrews WR**
Arnold JM, Ribeiro JP, Colucci WS. Muscle blood flow during forearm exercise in patients with severe heart failure. Circulation 1990 Aug;82(2):465–72
Arnold L, Willoughby TL. The quarterly profile examination. Acad Med 1990 Aug;65(8):515–6
Arnold LW see **Penneli CA**
Arnold RM see **Mandelbrot DA**
Arnoldi J see **Kretschmer C**
Arnott SJ see **Whitaker SJ**
Arnoux D see **Bourlière M**
Aronow WS, Mercando AD, Epstein S, Kronzon I. Effect of quinidine or procainamide versus no antiarrhythmic drug on sudden cardiac death, total cardiac death, and total death in elderly patients with heart disease and complex ventricular arrhythmias. Am J Cardiol 1990 Aug 15; 66(4):423–8
Aronson L see **O'Connor CM**
Aroskar M see **Annas GJ**
Arredondo-Vega FX, Kurtzberg J, Chaffee S, Santisteban I, Reisner E, Povey MS, Hershfield MS. Paradoxical expression of adenosine deaminase in T cells cultured from a patient with adenosine deaminase deficiency and combine immunodeficiency. J Clin Invest 1990 Aug;86(2):444–52
Arria AM, Tarter RE, Warty V, Van Thiel DH. Vitamin E deficiency and psychomotor dysfunction in adults with primary biliary cirrhosis. Am J Clin Nutr 1990 Aug; 52(2):383–90
Arriaga MA, Kanel KT, Johnson JT, Myers EN. Medical complications in total laryngectomy: incidence and risk factors. Ann Otol Rhinol Laryngol 1990 Aug;99(8):611–5
Arrieta AC see **Stutman HR**
Arrigo S, Beckwith JB, Sharples K, D'Angio G, Haase G. Better survival after combined modality care for adults with Wilms' tumor. A report from the National Wilms' Tumor Study. Cancer 1990 Sep 1;66(5):827–30
Arrington ME see **Kroenke K**

Arrowood J see **Porter T**
Arthur GR see **Strichartz GR**
Artzrouni M. AIDS projections: how Farr out? [letter] JAMA 1990 Sep 5;264(9):1103–4
Aru GM see **Meloni L**
Arulkumaran S, Nicolini U, Fisk NM, Rodeck CH. Fetal vesicorectal fistula causing oligohydramnios in the second trimester. Case report. Br J Obstet Gynaecol 1990 May; 97(5):449–51
Arvat E see **Ghigo E**
Aryanpur J, Hurko O, Francomano C, Wang H, Carson B. Craniocervical decompression for cervicomedullary compression in pediatric patients with achondroplasia. J Neurosurg 1990 Sep;73(3):375–82
Arzemanian S see **Salatka M**
Asahina T see **Nishio Y**
Asanoi H see **Fujita M**
Asbury AJ see **Worsley MH**
Ascari E see **Gobbi PG**
Ascari E see **Riccardi A**
Ascher MS, Sheppard HW. The trouble with T cells [letter] Lancet 1990 Aug 25;336(8713):507
Ase A see **Vindrola O**
Ash O see **Herr RD**
Ashall F see **Lewis DJ**
Ashby P see **Riley DE**
Asher MI see **Pattemore PK**
Ashida T, Abe H, Kawano Y, Yoshida K, Kimura G, Kojima S, Yoshimi H, Kawamura M, Imanishi M, Sanai T, et al. Effects of nifedipine SR and enalapril on office, home and ambulatory blood pressure in "white-coat" systemic hypertension. Am J Cardiol 1990 Aug 15;66(4):498–501
Ashkin K see **Romanelli MF**
Ashley JT. On quality of ambulatory care [letter] Am J Public Health 1990 Sep;80(9):1136–7
Ashley R see **Gouvea V**
Ashmead G see **Elder JS**
Ashmead GG see **Lazebnik N**
Ashmead JW see **Lazebnik N**
Ashmun RA see **Chenaille PJ**
Ashmun RA see **Jackson CW**
Ashraf HR, Schoeppel C, Nelson JA. Use of tofu in preschool meals. J Am Diet Assoc 1990 Aug;90(8):1114–6
Ashraf M see **Dowsett JF**
Askanas V see **Kobayashi T**
Askenasi R see **Lheureux P**
Asnes RS. And the children shall teach us ... [letter] Am J Dis Child 1990 Aug;144(8):849
Aso H see **Hara N**
Asquith P see **Mike N**
Assem ES, Gelder CM, Spiro SG, Baderman H, Armstrong RF. Anaphylaxis induced by peanuts. BMJ 1990 May 26; 300(6736):1377–8
Astor F see **Carrau RL**
Astrachan B see **Rosenheck R**
Astrup J see **Jensen K**
Atar D, Grant AD, Silver L, Lehman WB, Strongwater AM. The use of a tissue expander in club-foot surgery. A case report and review. J Bone Joint Surg [Br] 1990 Jul; 72(4):574–7
Atebara NH, Miller D. An optical model to describe image contrast with bifocal intraocular lenses. Am J Ophthalmol 1990 Aug 15;110(2):172–7
Atié J see **Cruz FE**
Atié J see **Wellens HJ**
Atkins PC see **Olson R**
Atkinson EN see **Stotter A**
Atkinson JB see **Lally KP**
Atkinson JL see **Rastogi S**
Atkinson L see **Coyle AJ**
Atkinson MA, Maclaren NK, Luchetta R. Insulitis and diabetes in NOD mice reduced by prophylactic insulin therapy. Diabetes 1990 Aug;39(8):933–7
Atkinson MJ see **Misener V**
Atkinson SM Jr see **Dohm GL**
Atkinson T see **Hinton RJ**
Atmosoedjono S see **Riberu WA**
Atrash HK see **Saftlas AF**
Attwood SE see **Stein HJ**
Atzpodien J see **Oez S**
Aubry P see **Deleuze P**
Audet M see **Phillips WE**
Auld PA see **Lipper EG**
Auld PA see **Ross G**
Aulet M see **Heymsfield SB**
Aurbach GD see **Friedman E**
Auslaender L see **Yachia D**
Ausman JI, Diaz FG, Mullan S, Gehring R, Sadasivan B, Dujovny M. Posterior inferior to posterior inferior cerebellar artery anastomosis combined with trapping for vertebral artery aneurysm. Case report. J Neurosurg 1990 Sep;73(3):462–5
Austen KF see **Lewis RA**
Austen KF see **Raizman MB**
Austen KF see **Sperling RI**
Austin H see **Barbone F**
Austin L see **Brady kt**
Austin MA, King MC, Vranizan KM, Krauss RM. Atherogenic lipoprotein phenotype. A proposed genetic marker for coronary heart disease risk [see comments] Circulation 1990 Aug;82(2):495–506. Comment in: Circulation 1990 Aug;82(2):649–51.
Austoker J. Breast cancer screening and the primary care team. BMJ 1990 Jun 23;300(6740):1631–4
Autret E see **Jonville AP**
Auwerx J see **Staels B**
Auzanneau G see **Milpied N**
Avai A see **Maistrelli GL**
Avedian J see **Flancbaum L**
Avila JL, Rojas M. Elevated cerebroside antibody levels in human visceral and cutaneous leishmaniasis, Trypanosoma rangeli infection, and chronic Chagas' disease. Am J Trop Med Hyg 1990 Jul;43(1):52–60
Avila JL, Rojas T, Monzón H, Convit J. Sinefungin as treatment for American Leishmania in sensitive BALB/c and resistant C57BL/6 mice. Am J Trop Med Hyg 1990 Aug;43(2):139–45
Aviram M see **Tal A**
Avol EL, Linn WS, Shamoo DA, Anderson KR, Peng RC, Hackney JD. Respiratory responses of young asthmatic volunteers in controlled exposures to sulfuric acid aerosol. Am Rev Respir Dis 1990 Aug;142(2):343–8
Awaad M see **al Kasab SM**
Awadzi K see **Lee SJ**
Axel L see **Gefter WB**
Axelrod M, Serafin D, Klitzman B. Ultraviolet light and free radicals: an immunologic theory of epidermal carcinogenesis. Plast Reconstr Surg 1990 Sep;86(3):582–93 (72 ref.)
Axelson J, Ekelund M, Sundler F, Håkanson R. Enhanced hyperplasia of gastric enterochromaffinlike cells in response to omeprazole-evoked hypergastrinemia in rats with portacaval shunts. An immunocytochemical and chemical study. Gastroenterology 1990 Sep;99(3):635–40
Axelson O see **Wingren G**
Axelsson O see **Waldenström U**
Ayache P see **Djindjian M**
Ayad S see **Buckee C**
Ayala A see **Ertel W**
Ayars GH see **Grammer LC**
Ayars GH see **Sparks PJ**
Aylett SE, Williams AF, Bevan DH, Holmes SJ. The Kasabach-Merritt syndrome: treatment with intermittent pneumatic compression. Arch Dis Child 1990 Jul; 65(7):790–1
Aynsley-Green A see **Murphy MS**
Aynsley-Green A see **Waterston AJ**
Ayoub J see **Hajj C**
Ayres JG. Late onset asthma. BMJ 1990 Jun 23; 300(6740):1602–3 (25 ref.)
Ayres RC, Robertson DA, Dewbury KC, Millward-Sadler GH, Smith CL. Spontaneous regression of hepatocellular carcinoma. Gut 1990 Jun;31(6):722–4
Ayyar DR see **Klose KJ**
Aziz W, Singer RM, Wolff TW. Transfer of the trapezius for flail shoulder after brachial plexus injury. J Bone Joint Surg [Br] 1990 Jul;72(4):701–4
Aznar R see **Torres A**
Azuma C see **Nobunaga T**
Azumi N see **Tucker MC**
Azzam FJ, Cradock TV. Misuse of the pulse oximeter by the ... patient! [letter] Anesthesiology 1990 Aug;73(2):355
Azzarello J see **Cara JF**
Azzopardi D see **Midgley PC**
Azzu AA see **Angelini GD**

B

Baba K see **Fujiwara T**
Baba S see **Hatamori N**
Baba S see **Inui A**
Baba T see **Chantelau E**
Babcock CJ see **Mutch DG**
Babic UU, Grujicic S, Djurisic Z, Vucinic M. Transcatheter closure of atrial septal defects [letter] Lancet 1990 Sep 1; 336(8714):566–7
Bacchelli S see **D'Alessandro R**
Bacchi CE, Schmidt RA, Brandão M, Scapulatempo R, Costa JC, Schmitt FC. Paraganglioma of the spermatic cord. Report of a case with immunohistochemical and ultrastructural studies. Arch Pathol Lab Med 1990 Aug; 114(8):899–901
Bacchi ML see **Mattioli S**
Bach JR see **Lee HJ**
Bachelot MF see **Melki J**
Bachmann P see **Perrin LH**
Bachrach LK, Guido D, Katzman D, Litt IF, Marcus R. Decreased bone density in adolescent girls with anorexia nervosa. Pediatrics 1990 Sep;86(3):440–7
Baciewicz FA Jr, Fagley J, Weaver M, Yeasting R, Thomford NR. The effect of surgery clerkship timing on fourth-year students' surgery knowledge. Acad Med 1990 Aug; 65(8):543
Bäckström T see **Mählck CG**
Baderman H see **Assem ES**
Badgwell JM, Heavner JE, Kytta J. Bupivacaine toxicity in young pigs is age-dependent and is affected by volatile anesthetics. Anesthesiology 1990 Aug;73(2):297–303
Badier M see **Lagier F**
Badimon JJ see **Sanborn TA**
Badimon L see **Sanborn TA**
Baele G see **Offner F**
Baer HU, Matthews JB, Schweizer WP, Gertsch P, Blumgart LH. Management of the Mirizzi syndrome and the surgical implications of cholecystcholedochal fistula. Br J Surg 1990 Jul;77(7):743–5
Baer L see **Jenike MA**
Baes M see **Bauer K**
Baetgen R see **Bredtmann RD**
Baethge BA see **Hebert CA**
Bagby RM see **Taylor GJ**
Bagchee CN see **Goldfarb R**
Bagshaw R see **Baumgardner JE**
Bahl VK, Das GS, Sharma S. Percutaneous balloon angioplasty of congenital aortic stenosis and associated aortic coarctation in an adult. Am Heart J 1990 Aug; 120(2):432–3
Bahr RD. Hughes Day revisited [letter] Lancet 1990 Aug 4;336(8710):311
Bailey BJ. Animal rights and human rights. It's time to pull the frog out of the pot. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1017–8
Bailey BJ see **Calhoun KH**
Bailey BP see **Mizutani M**
Bailey KR see **Bell MR**
Bailey PV see **Weber TR**
Bailey WC, Richards JM Jr, Brooks CM, Soong SJ, Windsor RA, Manzella BA. A randomized trial to improve self-management practices of adults with asthma. Arch Intern Med 1990 Aug;150(8):1664–8
Baim DS see **Levine MJ**
Baimbridge KG see **Weiss JH**
Bain J. Child health surveillance. BMJ 1990 May 26; 300(6736):1381–2
Bain M see **Verber IG**
Bain RP see **Ewigman B**
Baird A see **Beattie GM**
Baird DE see **Hopper KD**
Baird JK see **Riberu WA**
Baker AC see **Blass JP**
Baker AS see **Ward AJ**
Baker C see **Baravilala WR**
Baker CJ see **Smith CL**
Baker D see **Landen D**
Baker EJ see **Ladusans EJ**
Baker H see **Swain A**
Baker HL Jr, Redman HC. Policy statement on grants and awards by the RSNA Research and Education Fund Board of Trustees. Radiology 1990 Sep;176(3):861–2
Baker HS. Definition of splitting in object relations theory [letter] Am J Psychiatry 1990 Sep;147(9):1252–3
Baker PN, Pipkin FB, Symonds EM. Changes in platelet angiotensin II binding sites associated with the human menstrual cycle. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):175–6
Baker SR see **Hoffman HT**
Bakken JS see **Weber DA**
Bakker B see **De Leon DD**
Bakkevold KE, Pettersen A, Arnesjø B, Espehaug B. Tamoxifen therapy in unresectable adenocarcinoma of the pancreas and the papilla of Vater. Br J Surg 1990 Jul; 77(7):725–30
Bakst A see **Di Segni E**
Balabaud C see **Kossaifi T**
Balady GJ see **Fogel RI**
Balakrishnan K see **Welch TR**
Balar DB see **Bhatavdekar JM**
Balch CM see **Stotter A**
Balcke P see **Koppensteiner R**
Bald LN see **Lucas C**
Baldino WA see **DelRossi AJ**
Balducci R see **Toscano V**
Baldwin DC Jr see **Rowley BD**
Baldwin DL, King TT, Morrison AW. Hearing conservation in acoustic neuroma surgery via the posterior fossa. J Laryngol Otol 1990 Jun;104(6):463–7
Bale AE see **Friedman E**
Balen AH, Kurtz AB. Successful outcome of pregnancy with severe hypothyroidism. Case report and literature review. Br J Obstet Gynaecol 1990 Jun;97(6):536–9 (25 ref.)
(Balfour WM) Howard RB, Balfour WM, Cullen R. Extreme hyperferremia in two instances of hemochromatosis with notes on the treatment of one patient by means of repeated venesection. 1952 [classical article] J Lab Clin Med 1990 Jul;116(1):121–32
Balfour WM see **Howard RB**
Bali HK, Wahi S, Sharma BK, Anand IS, Datta BN, Wahi PL. Myocardial tuberculosis presenting as restrictive cardiomyopathy. Am Heart J 1990 Sep;120(3):703–6
Ball AB, Cassoni A, Watkins RM, Thomas JM. Silicone implant to prevent visceral damage during adjuvant radiotherapy for retroperitoneal sarcoma. Br J Radiol 1990 May;63(749):346–8
Ball AB, Fisher C, Pittam M, Watkins RM, Westbury G. Diagnosis of soft tissue tumours by Tru-Cut biopsy. Br J Surg 1990 Jul;77(7):756–8
Ball J, Warnock LJ, Preston FE. Rapid assessment of haemophilia A carrier state by non-invasive techniques using the polymerase chain reaction. J Clin Pathol 1990 Jun;43(6):505–7
Ball KA. The basics of laser technology. Nurs Clin North Am 1990 Sep;25(3):619–34 (12 ref.)
Balla T, Várnai P, Holló Z, Spät A. Effects of high potassium concentration and dihydropyridine Ca2(+)-channel agonists on cytoplasmic Ca2+ and aldosterone production in rat adrenal glomerulosa cells. Endocrinology 1990 Aug;

127(2):815–22
Ballas ZK, Rasmussen W. NK1.1+ thymocytes. Adult murine CD4–, CD8– thymocytes contain an NK1.1+, CD3+, CD5hi, CD44hi, TCR–V beta 8+ subset. J Immunol 1990 Aug 15;145(4):1039–45
Ballenger JC see **Brady K**
Ballenger MN see **Sheps DS**
Balmer SJ see **Mandel AR**
Balmukhanov SB, Beisebaev AA, Mustaphin DS, Aitkolova ZK, Kobikova DH, Abdrahmanov DN, Scott OC, Révész L. Topical infusion of metronidazole in the radiotherapy of tumours of the uterine cervix: interim report on the 2 year survival. Br J Radiol 1990 Jun;63(750):499–500
Baltopoulos G see **Zakinthinos S**
Baltzan BL see **Baltzan MA**
Baltzan MA, Baltzan RB, Baltzan BL, Cunningham TC, Pylypchuk GB, Dyck RF, West ML. HLA matching enhances long-term renal graft survival but does not relate to acute rejection. Medicine (Baltimore) 1990 Jul; 69(4):227–31
Baltzan RB see **Baltzan MA**
Balzano S, Bergmann BM, Gilliland MA, Silva JE, Rechtschaffen A, Refetoff S. Effect of total sleep deprivation on 5'-deiodinase activity of rat brown adipose tissue. Endocrinology 1990 Aug;127(2):882–90
Bamford OS, Hawkins RL, Blanco CE. Effects of clonidine on breathing movements and electrocortical activity in the fetal lamb. Am J Obstet Gynecol 1990 Aug;163(2):661–8
Bamji AN, Dieppe PA, Haslock DI, Shipley ME. What do rheumatologists do? A pilot audit study. Br J Rheumatol 1990 Aug;29(4):295–8
Ban E see **Polak M**
Ban T see **Ohtani H**
Banavali SD see **Charak BS**
Banchereau J see **Miossec P**
Bancila E see **Weinstein M**
Bancroft WH see **Hoke CH Jr**
Bandelloni R see **Romagnoli G**
Bando K see **Pillai R**
Bandstra ES see **Burkett G**
Banerjee A, Kiran U, Ghambeer D. A complication of tumour of the oesophagus [letter] Anaesthesia 1990 Jun;45(6):494–5
Banerjee A see **Anderson BO**
Banerjee AK. Iatrogenic pancreatitis [letter] Br J Surg 1990 Jul;77(7):834
Banerjee AK. Systemic factors and luminal contents in gut adaptation [letter] Gut 1990 Aug;31(8):959
Banerji S see **Wakefield AE**
Bang AT, Bang RA, Tale O, Sontakke P, Solanki J, Wargantiwar R, Kelzarkar P. Reduction in pneumonia mortality and total childhood mortality by means of community-based intervention trial in Gadchiroli, India. Lancet 1990 Jul 28;336(8709):201–6
Bang N see **Gruber A**
Bang RA see **Bang AT**
Bangham JA see **Morgan-Hughes JO**
Bangs MJ see **Riberu WA**
Banken L see **Clozel JP**
Banks BL see **Feinberg EJ**
Banks WA see **deShazo RD**
Banner MJ see **McGough EK**
Banner W Jr see **Quaife EJ**
Bannister J see **Johnson N**
Bannon MJ. Screening of school aged children [letter] BMJ 1990 Jun 9;300(6738):1528
Bansal M see **Brien WW**
Bansal RC see **Pai RG**
Bar RS, Clemmons DR, Boes M, Busby WH, Booth BA, Dake BL, Sandra A. Transcapillary permeability and subendothelial distribution of endothelial and amniotic fluid insulin-like growth factor binding proteins in the rat heart. Endocrinology 1990 Sep;127(3):1078–86
Bar-Meir S see **Bruck R**
Bar-Or O see **Wilson BA**
Baraff LJ see **Schriger DL**
Barancik JI see **Kramer CF**
Baratta RV see **Hirokawa S**
Baravilala WR, Baker C, Morsman JM. Controlled release prostaglandin E2 pessaries [letter] Lancet 1990 Aug 18; 336(8712):437
Barbano DM see **Daughaday WH**
Barbara JA see **Salker R**
Barbara L see **Gionchetti P**
Barbara L see **Gullo L**
Barbash GI see **Strasberg B**
Barbe P see **Senard JM**
Barber JH see **Usherwood TP**
Barbier P see **Jonville AP**
Barbieri EJ see **Horrow JC**
Barbone F, Austin H, Louv WC, Alexander WJ. A follow-up study of methods of contraception, sexual activity, and rates of trichomoniasis, candidiasis, and bacterial vaginosis. Am J Obstet Gynecol 1990 Aug;163(2):510–4
Barbosa AJ see **Queiroz DM**
BarBot DJ see **Rosato FE**
Barbot N see **Rohmer V**
Barbotin-Larrieau F see **Guerin JM**
Barbul A, Lazarou SA, Efron DT, Wasserkrug HL, Efron G. Arginine enhances wound healing and lymphocyte immune responses in humans. Surgery 1990 Aug; 108(2):331–6; discussion 336–7
Barcellini W see **Nicoletti F**
Barclay D see **Brüssow H**
Bardardottir E, Jonsson S, Jonsdottir I, Sigfusson A, Valdimarsson H. IgG subclass response and opsonization of Streptococcus pneumoniae after vaccination of healthy adults. J Infect Dis 1990 Aug;162(2):482–8
Bardeguez A, Chatterjee M, Tepedino M, Sicuranza B. Systemic cystic angiomatosis in pregnancy: a case presentation and review of the literature. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):42–5
Bardeguez AD, De Ziegler D, Weiss G. Multifetal pregnancy in a gonadal dysgenesis mosaic. Obstet Gynecol 1990 Sep; 76(3 Pt 2):502–4
Bardram L see **Almdal TP**
Bardy GH see **Poole JE**
Barefoot D see **Basu SN**
Bareta JC, Larson DB, Lyons JS, Zorc JJ. A comparison of manual and MEDLARS reviews of the literature on consultation-liaison psychiatry. Am J Psychiatry 1990 Aug; 147(8):1040–2
Barg NL, Hutson FS, Wheeler LA, Thomson CJ, Amyes SG, Wharton M, Schaffner W. Novel dihydrofolate reductases isolated from epidemic strains of trimethoprim/sulfamethoxazole-resistant Shigella sonnei. J Infect Dis 1990 Aug;162(2):466–73
Barg NL see **McMurray LW**
Barge J see **Pouchot J**
Baribeau Y see **Eugene J**
Barie PS, Christou NV, Dellinger EP, Rout WR, Stone HH, Waymack JP. Pathogenicity of the enterococcus in surgical infections. Ann Surg 1990 Aug;212(2):155–9 (76 ref.)
Barker JE see **Peters LL**
Barkey RJ see **Amit T**
Barkovich AJ see **Truwit CL**
Barlogie B see **Alexanian R**
Barlogie B, Jagannath S, Dixon DO, Cheson B, Smallwood L, Hendrickson A, Purvis JD, Bonnem E, Alexanian R. High-dose melphalan and granulocyte-macrophage colony-stimulating factor for refractory multiple myeloma. Blood 1990 Aug 15;76(4):677–80
Barlow J, Wilkinson MJ, O'Callaghan C. Neonatal cilia: ultrastructure. Arch Dis Child 1990 Jul;65(7 Spec No):708–10
Barnes J see **Barrett A**
Barnes JE see **Henderson WG**
Barnes L see **Killeen RM**
Barnes MR see **Lloyd DM**
Barnes P see **Czeuz R**
Barnes PJ see **Nichol GM**
Barnes S see **Castro O**
Barness LA. Bases of weaning recommendations. J Pediatr 1990 Aug;117(2 Pt 2):S84–5
Barnett GO see **Eagle KA**
Barnett JS see **Cole WG**
Barnett MJ, Eaves AC, Phillips GL. An overview of bone marrow transplantation for chronic myeloid leukemia. Can Med Assoc J 1990 Aug 1;143(3):187–93 (57 ref.)
Barns E see **Mizutani M**
Barnwell JW see **Aikawa M**
Baron AD see **Edelman SV**
Baron AD see **Laakso M**
Baron JH see **Jacyna MR**
Baron RL see **Liddell RM**
Baron S see **Lucia HL**
Barone JE see **Barone JG**
Barone JG, Todd MR, Maise R, Barone JE. Chickenpox and pneumothorax [letter] Chest 1990 Aug;98(2):514
Barosi G see **Piazza V**
Barquinero J see **Harris EN**
Barr RG, Lorig RJ. Renal tissue within the adrenal gland simulating an adrenal mass [letter] AJR Am J Roentgenol 1990 Sep;155(3):656
Barrack RL, Buckley SL, Bruckner JD, Kneisl JS, Alexander AH. Partial versus complete acute anterior cruciate ligament tears. The results of nonoperative treatment. J Bone Joint Surg [Br] 1990 Jul;72(4):622–4
Barraclough CA see **Hartman RD**
Barragán-Marquez FL see **de los Santos-Sastre S**
Barratt TM see **Ransley PG**
Barratt-Boyes BG see **Jaffe WM**
Barret A see **Le Dafniet M**
Barrett A, Crennan E, Barnes J, Martin J, Radford M. Treatment of clinical stage I Hodgkin's disease by local radiation therapy alone. A United Kingdom Childrens Cancer Study Group study. Cancer 1990 Aug 15; 66(4):670–4
Barrett DM see **Parulkar BG**
Barrett EJ see **David M**
Barrett JA see **Soyka JM**
Barrett JF, Jarvis GJ, Macdonald HN, Buchan PC, Tyrrell SN, Lilford RJ. Inconsistencies in clinical decisions in obstetrics. Lancet 1990 Sep 1;336(8714):549–51
Barrett LJ see **Marshall BJ**
Barrett PQ see **Bollag WB**
Barros CM see **Fuchs AR**
Barros FC see **Victora CG**
Barroso FL, Caltabiano A, Ornellas A. Transabdominal suprahepatic approach to repeat vagotomy after proximal gastric vagotomy. Surg Gynecol Obstet 1990 Aug; 171(2):167–8
Barrot-Cortés E see **de los Santos-Sastre S**
Barry JA see **Kealy WF**
Barry JM see **Leone MR**
Barry MJ see **Malenka DJ**
Barry MJ. Epidemiology and natural history of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug; 17(3):495–507 (77 ref.)
Barry WH. Mechanical dysfunction of the heart during and after ischemia. Unraveling the causes [comment] Circulation 1990 Aug;82(2):652–4. Comment on: Circulation 1990 Aug;82(2):528–35.
Barsauskas A see **Poulin de Courval L**
Barsky AJ, Wyshak G, Klerman GL. Transient hypochondriasis. Arch Gen Psychiatry 1990 Aug; 47(8):746–52
Barsky AJ, Hochstrasser B, Coles NA, Zisfein J, O'Donnell C, Eagle KA. Silent myocardial ischemia. Is the person or the event silent? JAMA 1990 Sep 5;264(9):1132–5 (72 ref.)
Barst SM see **Gatell JA**
Bartels D see **Annas GJ**
Barth KH. Re: Approaches to the superior calix: renal displacement technique and review of options [letter] J Urol 1990 Sep;144(3):749
Barthels M see **Gulba DC**
Barthelson R, Valone F. Interaction of platelet-activating factor with interferon-gamma in the stimulation of interleukin-1 production by human monocytes. J Allergy Clin Immunol 1990 Aug;86(2):193–201
Barthold SW see **Moody KD**
Bartlett JM, Spiteri-Grech J, Nieschlag E. Regulation of insulin-like growth factor I and stage-specific levels of epidermal growth factor in stage synchronized rat testes. Endocrinology 1990 Aug;127(2):747–58
Bartlett SP see **Lin KY**
Bartley GB, Moir CR, McCaffrey TV. Acquired partial nasolacrimal obstruction due to a suture stent following esophagocolostomy [letter] Arch Ophthalmol 1990 Aug; 108(8):1074
Bartley GB, Garrity JA. Surgical treatment of thyrotoxic exophthalmos [letter] Plast Reconstr Surg 1990 Sep; 86(3):607–8
Bartolucci AA see **Alarcón GS**
Barton JR, Sibai BM, Mabie WC, Shanklin DR. Recurrent acute fatty liver of pregnancy. Am J Obstet Gynecol 1990 Aug;163(2):534–8
Barton RM see **Hoffman WY**
Bartsch G see **Colleselli K**
Bartus SA see **Gage TS**
Barza M see **Bennish ML**
Barzan L, Carbone A, Tirelli U, Crosato IM, Vaccher E, Volpe R, Comoretto R. Nasopharyngeal lymphatic tissue in patients infected with human immunodeficiency virus. A prospective clinicopathologic study. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):928–31
Barzansky B see **Jonas HS**
Barzel US. Estrogen therapy for osteoporosis: is it effective? Hosp Pract [Off] 1990 Jul 15;25(7):95–9, 102, 105–8
Barzilai B see **Goldstein JA**
Basch C see **Gutin B**
Basco VE see **Hassell PR**
Bascom R, Naclerio RM, Fitzgerald TK, Kagey-Sobotka A, Proud D. Effect of ozone inhalation on the response to nasal challenge with antigen of allergic subjects. Am Rev Respir Dis 1990 Sep;142(3):594–601
Base W, Siostrzonek P. Thrombolytic therapy in suspected myocardial infarction [letter] Lancet 1990 Aug 4; 336(8710):311
Baseler M see **Schnittman SM**
Bashore TM see **Davidson CJ**
Baska RS, Moses FM, Deuster PA. Cimetidine reduces running-associated gastrointestinal bleeding. A prospective observation. Dig Dis Sci 1990 Aug;35(8):956–60
Baskett PJ. ABC of major trauma. Management of hypovolaemic shock. BMJ 1990 Jun 2;300(6737):1453–7 (0 ref.)
Basler JW see **Clayman RV**
Bass A see **Krpski WC**
Bass A see **Krupski WC**
Bass DD see **Lurie Y**
Bass JL see **Spevak PJ**
Basset F see **Biyoudi-Vouenze R**
Basset F see **Fukuda Y**
Bassett AL see **Furukawa T**
Bast R Jr see **Westhoff C**
Bast RC Jr see **Berchuck A**
Bastianello S see **Angeloni U**
Bastidas JA, Orandle MS, Zinner MJ, Yeo CJ. Small-bowel origin of the signal for meal-induced jejunal absorption. Surgery 1990 Aug;108(2):376–83
Bastien O see **Jegaden O**
Basu SN, Constantine G, Bareford D. The rational use of coagulation studies in obstetrics: an audit. Br J Obstet Gynaecol 1990 May;97(5):452–4
Basuyau JP see **Levesque H**
Batchelor R see **Pazzaglia G**
Batcher S see **Richman PS**
Batesky D see **Soyka JM**
Bathon GH see **Brumback RJ**
Bathon GH see **Burgess AR**
Batman PA, Kapembwa MS, Griffin GE. Enteropathy associated with HIV [letter] Gut 1990 Aug;31(8):960
Batra P see **Brown K**
Batsakis JG see **Hartwick RW**
Batsakis JG see **el-Naggar AK**

Batteiger BE see **Wheat LJ**
Batten S, Hirschman J, Thomas D. Impact of the Special Supplemental Food Program on infants. J Pediatr 1990 Aug;117(2 Pt 2):S101-9
Battin P see **Annas GJ**
Battistel V see **Piazza V**
Battistuzzi SC see **Khalil N**
Battle AO see **Downs J**
Bauch CD, Olsen WO, Harner SG. Preoperative and postoperative auditory brain-stem response results for patients with eighth-nerve tumors. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1026-9
Baudrihaye M see **Offner F**
Baudrimont M see **Djindjian M**
Bauer CR see **Casey PH**
Bauer K, Rakusan S, Kaik G. Pulmonary effects of long-term beta 2-blockade in healthy subjects: comparative study of metoprolol OROS. Am Heart J 1990 Aug;120(2):473-7
Bauer K, Carmeliet P, Schulz M, Baes M, Denef C. Regulation and cellular localization of the membrane-bound thyrotropin-releasing hormone-degrading enzyme in primary cultures of neuronal, glial and adenohypophyseal cells. Endocrinology 1990 Sep;127(3):1224-33
Bauer KA, Kass BL, ten Cate H, Hawiger JJ, Rosenberg RD. Factor IX is activated in vivo by the tissue factor mechanism. Blood 1990 Aug 15;76(4):731-6
Bauer LA, McDonnell N, Horn JR, Zierler B, Opheim K, Strandness DE Jr. Single and multiple doses of oral cimetidine do not change liver blood flow in humans. Clin Pharmacol Ther 1990 Aug;48(2):195-200
Bauer RL see **Perkins HS**
Baughman VL, Hoffman WE, Miletich DJ, Albrecht RF. Cerebrovascular and cerebral metabolic effects of N2O in unrestrained rats. Anesthesiology 1990 Aug;73(2):269-72
Baum CG, Szabo P, Siskind GW, Becker CG, Firpo A, Clarick CJ, Francus T. Cellular control of IgE induction by a polyphenol-rich compound. Preferential activation of Th2 cells. J Immunol 1990 Aug 1;145(3):779-84
Baum JD see **Woolridge MW**
Baumann G, Vance ML, Shaw MA, Thorner MO. Plasma transport of human growth hormone in vivo. J Clin Endocrinol Metab 1990 Aug;71(2):470-3
Baume RM see **Croog SH**
Baumgardner JE, Bagshaw R. Acute versus chronic phenytoin therapy and neuromuscular blockade [letter] Anaesthesia 1990 Jun;45(6):493-4
Baumgartner RN see **Cockram DB**
Baumgartner WA see **Pillai R**
Baumhefner RW, Syndulko K, Tourtellotte WW. A commentary on correlates between cerebrospinal fluid gamma-globulins and magnetic resonance imaging in multiple sclerosis. Arch Neurol 1990 Aug;47(8):841-3
Bausback KN see **Fischell TA**
Bauserman SC see **Bengtson BP**
Bavaria JE, Furukawa S, Kreiner G, Ratcliffe MB, Streicher J, Bogen DK, Edmunds LH Jr. Myocardial oxygen utilization after reversible global ischemia [see comments] J Thorac Cardiovasc Surg 1990 Aug;100(2):210-20. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):310-11.
Baxt WG see **Rhee KJ**
Baxter BT, McGee GS, Flinn WR, McCarthy WJ, Pearce WH, Yao JS. Distal embolization as a presenting symptom of aortic aneurysms. Am J Surg 1990 Aug;160(2):197-201
Baxter BT, Rizzo RJ, Flinn WR, Almgren CN, McCarthy WJ, Pearce WH, Yao JS. A comparative study of intraoperative angioscopy and completion arteriography following femorodistal bypass. Arch Surg 1990 Aug; 125(8):997-1002
Baxter J see **Lilienfeld DE**
Baxter PS see **Taylor CJ**
Baxter RC see **Martin JL**
Bay JW see **Hassenbusch SJ**
Bayard P see **Dubarry M**
Bayley AC see **Tabor E**
Bayley JI see **Mok DW**
Baylink DJ see **Kraenzlin ME**
Baylink DJ see **Perkel VS**
Bayliss MT see **Allard SA**
Bayne O, Chabot JM, Carr JP, Evans EF. Simultaneous dorsal dislocation of interphalangeal joints in a finger. Clin Orthop 1990 Aug;(257):104-6
Bays J. Substance abuse and child abuse. Impact of addiction on the child. Pediatr Clin North Am 1990 Aug; 37(4):881-904 (87 ref.)
Bayston KF see **Silva AT**
Bazer FW see **Gross TS**
Bazzani C see **Guarini S**
Beachey EH see **Kotb M**
Beal K, Danzig B. Lasers in vascular surgery. Nurs Clin North Am 1990 Sep;25(3):711-8 (12 ref.)
Beall LD see **Graber N**
Beam C see **Sostman HD**
Beamer WG see **Tennent BJ**
Bear L see **Eick JD**
Bear M see **Sassoon DA**
Beard J see **Gotley DC**
Beardsmore S see **Goldman A**
Beare JP see **Tawes RL Jr**
Bearman JE see **Tal A**
Beasley CR see **Djukanovic R**
Beasley SW see **McLain BI**
Beatt K see **Suryapranata H**
Beatt KJ see **Laarman G**
Beattie GM, Lappi DA, Baird A, Hayek A. Selective elimination of fibroblasts from pancreatic islet monolayers by basic fibroblast growth factor-saporin mitotoxin. Diabetes 1990 Aug;39(8):1002-5
Beaucaire G see **Leroy O**
Beauchamp DE, Rouse RL. Universal New York Health Care. A single-payer strategy linking cost control and universal access. N Engl J Med 1990 Sep 6;323(10):640-4
Beauchamp GD, Vacek JL, Robuck W. Management comparison for acute myocardial infarction: direct angioplasty versus sequential thrombolysis-angioplasty. Am Heart J 1990 Aug;120(2):237-42
Beauchamp T see **Annas GJ**
Beauchemin J see **Dumesnil JG**
Beaufort F see **Mangge H**
Beaugerie L, Flourié B, Marteau P, Pellier P, Franchisseur C, Rambaud JC. Digestion and absorption in the human intestine of three sugar alcohols. Gastroenterology 1990 Sep;99(3):717-23
Beaver PC, Orihel TC, Leonard G. Pulmonary dirofilariasis: restudy of worms reported gravid. Am J Trop Med Hyg 1990 Aug;43(2):167-9
Becher R see **Ganser A**
Bechstein WO see **Neuhaus P**
Beck AT see **Sanderson WC**
Beck DE see **Phillips TH**
Beck DE, Jaso RG, Zajac RA. Proctologic management of the HIV-positive patient. South Med J 1990 Aug; 83(8):900-3
Beck J see **Sanderson WC**
Beck JC see **Reuben DB**
Beck MN. Eugenic abortion: an ethical critique. Can Med Assoc J 1990 Aug 1;143(3):181-6
Becker CD, Fache JS, Malone DE, Stoller JL, Burhenne HJ. Ablation of the cystic duct and gallbladder: clinical observations. Radiology 1990 Sep;176(3):687-90
Becker CE see **Estrin WJ**
Becker CE, Lash A. Detecting subtle human CNS dysfunction: challenge for toxicologists in 1990's [editorial; comment] J Toxicol Clin Toxicol 1990;28(1):vii-xi. Comment on: J Toxicol Clin Toxicol 1990;28(1):1-20. Comment on: J Toxicol Clin Toxicol 1990;28(1):21-8.
Becker CE see **Klees JE**
Becker CG see **Baum CG**
Becker DJ see **Orchard TJ**
Becker LC see **Jeremy RW**
Becker MH, Janz NK. Practicing health promotion: the doctor's dilemma. Ann Intern Med 1990 Sep 15; 113(6):419-22 (55 ref.)
Beckerman S see **Rubinstein P**
Beckers A see **de Zegher F**
Beckwith JB see **Arrigo S**
Bednarczyk JL see **Davis LS**
Bedogni F, La Vecchia L, Arfiero S, Castellani A, Vincenzi M. Acute coronary occlusion after recent coronary angioplasty. Association with exercise and successful treatment with intracoronary thrombolysis. Chest 1990 Aug;98(2):505-7
Bedotto JB see **Eichhorn EJ**
Bedrick AD. The eighty-hour workweek. Residency friend or foe? [editorial] Am J Dis Child 1990 Aug;144(8):857
Bee G see **Haro LS**
Beechey AP see **Powell H**
Beer PM, Ludwig IH, Packer AJ. Complete visual recovery after Bacillus cereus endophthalmitis in a child. Am J Ophthalmol 1990 Aug 15;110(2):212-3
Beers MF, Sohn M, Swartz M. Recurrent pneumothorax in AIDS patients with Pneumocystis pneumonia. A clinicopathologic report of three cases and review of the literature. Chest 1990 Aug;98(2):266-70 (30 ref.)
Beers S see **Gross TS**
Beeson PB. Animals in research: a quote out of context [letter] JAMA 1990 Sep 5;264(9):1105
Begg A see **Orr A**
Beguin EA see **Caplan RH**
Behbehani A see **al Muhanna A**
Behm F see **Crist W**
Behm FG see **Pui CH**
Behrens MM see **Forman S**
Behrens O see **Fuchs AR**
Behrens RH, Tomkins AM, Roy SK. Zinc supplementation during diarrhoea, a fortification against malnutrition? [letter] Lancet 1990 Aug 18;336(8712):442-3
Behringer RR, Lewin TM, Quaife CJ, Palmiter RD, Brinster RL, D'Ercole AJ. Expression of insulin-like growth factor I stimulates normal somatic growth in growth hormone-deficient transgenic mice. Endocrinology 1990 Sep;127(3):1033-40
Behrman A see **Magid D**
Behrman SW, Fabian TC, Kudsk KA, Taylor JC. Improved outcome with femur fractures: early vs. delayed fixation. J Trauma 1990 Jul;30(7):792-7; discussion 797-8
Beidler DE see **Phelps JL**
Beisang AA 3d see **Ersek RA**
Beischel LS see **Welch TR**
Beisebaev AA see **Balmukhanov SB**
Bekaert J see **Van Noyen R**
Beker B see **Di Segni E**
Belal S see **Vidailhet MJ**
Belanger AJ see **Kannel WB**
Belcher M see **McNeill AD**
Belcher P, Jones R. Hypoxemia during cardiopulmonary bypass [letter] Ann Thorac Surg 1990 Aug;50(2):336
Belghiti J see **Houry S**
Belghiti J see **Vilgrain V**
Belhassen B see **Viskin S**
Belhobek G see **Piraino D**
Belitsky P, Gupta R. Minicore needle biopsy of kidney transplants: a safer sampling method. J Urol 1990 Aug;144(2 Pt 1):310-1
Belitsos NJ. Bay leaf impaction [letter] Ann Intern Med 1990 Sep 15;113(6):483-4
Belker AM, Sexter MS, Sweitzer SJ, Raff MJ. The high rate of noncompliance for post-vasectomy semen examination: medical and legal considerations. J Urol 1990 Aug;144(2 Pt 1):284-6
Belker AM, Steinbock GS. Transrectal prostate ultrasonography as a diagnostic and therapeutic aid for ejaculatory duct obstruction. J Urol 1990 Aug;144(2 Pt 1):356-8
Belker AM see **Peterson HB**
Bell A see **Nicholson ML**
Bell DS, Clements RS Jr. Hypoglycemia in children with insulin-dependent diabetes mellitus [letter] J Pediatr 1990 Aug;117(2 Pt 1):340-1
Bell EF see **Stegink LD**
Bell J see **Steadman C**
Bell MJ see **Bickerstaff DR**
Bell MR, Bailey KR, Reeder GS, Lapeyre AC 3d, Holmes DR Jr. Percutaneous transluminal angioplasty in patients with multivessel coronary disease: how important is complete revascularization for cardiac event-free survival? J Am Coll Cardiol 1990 Sep;16(3):553-62
Bell PR see **Nicholson ML**
Bell RG see **Wang CH**
Bell TA. Chlamydia trachomatis infections in adolescents. Med Clin North Am 1990 Sep;74(5):1225-33 (59 ref.)
Bell W see **Kroovand RL**
Beller M see **Goldman LR**
Bellet PS see **Matt BH**
Bellis ML see **Sharkis SJ**
Bellmunt J, De Gracia J, Morales S, Orriols R, Tallada N. Cytologic diagnosis in bronchoalveolar lavage specimens. A diagnostic technique for lung neoplasmas with a peripheral location [letter] Chest 1990 Aug;98(2):513-4
Bellobuono A, Mozzi F, Petrini G, Zanella A, Sirchia G. Infectivity of blood that is immunoblot intermediate reactive on hepatitis C virus antibody testing [letter] Lancet 1990 Aug 4;336(8710):309
Bellone J see **Ghigo E**
Bellur S, Tahara K, Saji M, Grollman EF, Kohn LD. Repeatedly passed FRTL-5 rat thyroid cells can develop insulin and insulin-like growth factor-I-sensitive cyclooxygenase and prostaglandin E2 isomerase-like activities together with altered basal and thyrotropin-responsive thymidine incorporation into DNA. Endocrinology 1990 Sep;127(3):1526-40
Belluzzi A see **Gionchetti P**
Belman AB see **Cohen RA**
Belman AB see **Rushton HG**
Belosevic M, Finbloom DS, Meltzer MS, Nacy CA. IL-2. A cofactor for induction of activated macrophage resistance to infection. J Immunol 1990 Aug 1;145(3):831-9
Belzer FO see **Kalayoglu M**
Ben Baruch G, Menczer J. Trend of cervical cancer in Jewish women [letter] Am J Obstet Gynecol 1990 Aug; 163(2):703-4
Ben-David B, Lee E. The falling column: a new technique for interpleural catheter placement [letter] Anesth Analg 1990 Aug;71(2):212
Ben Freedman S see **Mizutani M**
Ben-Musa AA, Singh H, Shembesh AH, Chugh JC. Cardiac hydatid cyst in a child. Clin Pediatr (Phila) 1990 Jul; 29(7):409-11
Ben-Sasson SZ, Le Gros G, Conrad DH, Finkelman FD, Paul WE. IL-4 production by T cells from naive donors. IL-2 is required for IL-4 production. J Immunol 1990 Aug 15; 145(4):1127-36
Ben-Shachar G see **Spevak PJ**
Ben-Tovim DI, Potts NL, Dortmans RJ, Weiss AM, Potter R. Acquired hearing impairment and psychiatric disorder amongst Australian Vietnam veterans [letter] Lancet 1990 Aug 4;336(8710):324
Benacerraf BR see **Nadel AS**
Benard F see **Aboseif SR**
Benbadis SR. Graphataxia [letter] Ann Intern Med 1990 Aug 1;113(3):257
Benda JA see **Zlatnik FJ**
Bendell JJ, Dorrington JH. Epidermal growth factor influences growth and differentiation of rat granulosa cells. Endocrinology 1990 Aug;127(2):533-40
Bender B see **Mazer B**
Bender HW Jr see **Stewart JR**
Bendiner E. A missionary, heart and soul. Hosp Pract [Off] 1990 Jul 15;25(7):166-72, 175-6, 179-80 passim
Benecke JE Jr. Clinical diagnosis of anterior inferior cerebellar artery thrombosis: autopsy and temporal bone histopathologic study [letter] Ann Otol Rhinol Laryngol 1990 Aug;99(8):678
Benedek EP. Response to the presidential address: Our

children: our future. Am J Psychiatry 1990 Sep; 147(9):1120–5
Benedetto P see **Essenfeld H**
Benenson RS see **Cohen MA**
Benfield GF, Bryan RL, Crocker J. Lamina propria mast cells in ulcerative colitis [letter] J Clin Pathol 1990 Jul;43(7):611
Benfield KY see **Kroovand RL**
Benghiat A see **Soussi AC**
Bengtson BP, Hedeman LS, Bauserman SC. Symptomatic neuroepithelial (colloid) cysts of the third ventricle. A unique case report in nontwin brothers. Cancer 1990 Aug 15;66(4):779–85
Bengtson JR see **Ohman EM**
Bengtsson BA see **Rosén T**
Benhamed M see **Tellez-Bernal E**
Benhamou JP see **Houry S**
Benhorin J, Merri M, Alberti M, Locati E, Moss AJ, Hall WJ, Cui L. Long QT syndrome. New electrocardiographic characteristics. Circulation 1990 Aug;82(2):521–7
Benigni A, Rizzoni G, Antolini A, Piccinelli A, Remuzzi G. Preliminary report: renal thromboxane A2 synthesis in children with frequent relapsing nephrotic syndrome. Lancet 1990 Sep 1;336(8714):533–4
Benincaso AI see **Sperling RI**
Beningfield S see **Kahn D**
Benjamin CM, Clague RB. Psoriatic or cystic fibrosis arthropathy? Difficulty with diagnosis and management. Br J Rheumatol 1990 Aug;29(4):301–2
Benjamin RS see **Samaan NA**
Benjamin WR see **Wilmott RW**
Bennett CS see **Cole WG**
Bennett J see **Passmore D**
Bennett JE, Kroll MH, Washburn RG. Flucytosine interference in creatinine assay [letter] J Infect Dis 1990 Aug;162(2):571–2
Bennett JE see **Rex JH**
Bennett PR, Elder MG, Myatt L. Secretion of phospholipases by bacterial pathogens may initiate preterm labor [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):241–2
Bennish ML, Salam MA, Haider R, Barza M. Therapy for shigellosis. II. Randomized, double-blind comparison of ciprofloxacin and ampicillin. J Infect Dis 1990 Sep; 162(3):711–6
Benowitz NL see **Jacob P 3d**
Benowitz NL see **Pérez-Stable EJ**
Benraad TJ see **Jansen TL**
Bensard DD see **Anderson BO**
Bensen B see **Heymsfield SB**
Benson JA Jr see **Shea JA**
Benson MC see **Ring KS**
Bentley G see **Volpin G**
Bentley PG. Varicose veins [letter] BMJ 1990 Jun 16; 300(6739):1586
Bentovim A see **Sokel BS**
Bentur Y see **Stone J**
Benvenuti C see **Dussaule JC**
Benzaquen S, Gagnon R, Hunse C, Foreman J. The intrauterine sound environment of the human fetus during labor. Am J Obstet Gynecol 1990 Aug;163(2):484–90
Beran R see **Jolly P**
Beranek JT. Fibrosis in hypertrophic cardiomyopathy: its possible pathogenesis [letter] J Am Coll Cardiol 1990 Aug; 16(2):519
Berchuck A, Rodriguez G, Kamel A, Soper JT, Clarke-Pearson DL, Bast RC Jr. Expression of epidermal growth factor receptor and HER-2/neu in normal and neoplastic cervix, vulva, and vagina. Obstet Gynecol 1990 Sep;76(3 Pt 1):381–7
Berden JH see **Nossent HC**
Bere W see **Smyth MJ**
Berek JS see **Fu YS**
Berenbaum B see **Poulin de Courval L**
Berenbaum E see **Crone LA**
Berenberg JL see **Enzenauer RJ**
Berendsen HH see **Dofferhoff AS**
Beresford TP, Blow FC, Hill E, Singer K, Lucey MR. Comparison of CAGE questionnaire and computer-assisted laboratory profiles in screening for covert alcoholism. Lancet 1990 Aug 25;336(8713):482–5
Berezin S see **Schwarz SM**
Berezin SH see **Glassman MS**
Berg D, Weingold DH, Abson KG, Olsen EA. Sweating in ectodermal dysplasia syndromes. A review. Arch Dermatol 1990 Aug;126(8):1075–9 (57 ref.)
Berg R see **Deitch EA**
Berg RD see **Spaeth G**
Berger C see **Bisaccia E**
Berger H see **Gold HK**
Berger J see **Hirschl AM**
Berger P. Canada's national AIDS strategy neglects role of physicians [editorial] Can Med Assoc J 1990 Aug 15; 143(4):309–11
Berger RE see **See WA**
Berger RG, Yount WJ. Immediate "steroid flare" from intraarticular triamcinolone hexacetonide injection: case report and review of the literature. Arthritis Rheum 1990 Aug;33(8):1284–6
Berger RS see **Weinstein M**
Berger S see **Smith AJ**
Berger SA, Yavetz H, Paz G, Gorea A, Homonnai Z. Concentration of ofloxacin and ciprofloxacin in human semen following a single oral dose. J Urol 1990 Sep; 144(3):683–4
Bergfeld WF see **Eliachar I**
Berghout A, Wiersinga WM, Drexhage HA, Smits NJ, Touber JL. Comparison of placebo with L-thyroxine alone or with carbimazole for treatment of sporadic non-toxic goitre. Lancet 1990 Jul 28;336(8709):193–7
Berglund L, Angelin B, Hultcrantz R, Einarsson K, Emtestam L, Drummond G, Kappas A. Studies with the haeme oxygenase inhibitor Sn-protoporphyrin in patients with primary biliary cirrhosis and idiopathic haemochromatosis. Gut 1990 Aug;31(8):899–904
Bergman TA see **Rockswold GL**
Bergman U see **Anderson GM**
Bergmann BM see **Balzano S**
Bergmann KF see **Garcia G**
Bergmann P see **Gillet C**
Bergmann SR see **Geltman EM**
Bergmann SR see **Shelton ME**
Bergofsky EH see **Goldstein RA**
Bergström R see **Gronowitz JS**
Bergström T, Vahlne A, Alestig K, Jeansson S, Forsgren M, Lycke E. Primary and recurrent herpes simplex virus type 2-induced meningitis. J Infect Dis 1990 Aug;162(2):322–30
Berkelman RL see **Buehler JW**
Berkhoff WB, Meijer F. Percutaneous antegrade fiberoptic ureterorenoscopic treatment of ureteral calculi. J Urol 1990 Sep;144(3):628–30
Berkman L see **Horwitz RI**
Berkovitz GD see **Gearhart JP**
Berl T. Treating hyponatremia: what is all the controversy about? Ann Intern Med 1990 Sep 15;113(6):417–9 (33 ref.)
Berlan M see **Senard JM**
Berlin M. Midline episiotomies: more harm than good? [letter] Obstet Gynecol 1990 Sep;76(3 Pt 1):474–5
Berliner SD. The femoral cone and its clinical implications. Surg Gynecol Obstet 1990 Aug;171(2):111–4
Berman A see **Robertson CN**
Berman DE, Persing JA. Total cranial vault reconstruction for parietal encephalocele. Plast Reconstr Surg 1990 Sep; 86(3):554–7
Berman JD see **Saenz RE**
Berman MM see **Cartun RW**
Berman SM, Shah B, Wyle FA, Dacosta-Iyer M, McRae DM. Disseminated Pneumocystis carinii in a patient receiving aerosolized pentamidine prophylaxis. West J Med 1990 Jul; 153(1):82–6 (41 ref.)
Bermejo López J see **Parrilla Paricio P**
Bernadac P see **Lesur O**
Bernal M see **Pazzaglia G**
Bernard JP see **Sarles H**
Bernardino ME. Automated biopsy devices: significance and safety [editorial; comment] Radiology 1990 Sep; 176(3):615–6. Comment on: Radiology 1990 Sep;176(3):671–6. Comment on: Radiology 1990 Sep;176(3):677–9. Comment on: Radiology 1990 Sep;176(3):725–7. Comment on: Radiology 1990 Sep;176(3):741–7.
Bernardino ME see **Sugarbaker PH**
Bernards R see **O'Brien JM**
Bernaudin JF see **Escudier E**
Bernbaum J see **Casey PH**
Bernedes H see **Villar J**
Bernhard A see **Maurer I**
Bernier S see **Henderson J**
Bernini W see **DeCaterina R**
Berns MW see **Eugene J**
Bernstein DI see **Smith AB**
Bernstein E see **Salomon GD**
Bernstein GS see **Kjos SL**
Bernstein L see **Mizutani M**
Berry CC see **Lasser EC**
Berry DA see **Salerno DM**
Berry DT see **Phillips BA**
Berry PJ see **James D**
Berry S see **Zemel MB**
Berry SA, Pescovitz OH. Ontogeny and pituitary regulation of testicular growth hormone-releasing hormone-like messenger ribonucleic acid. Endocrinology 1990 Sep; 127(3):1404–11
Bersani G see **Petrelli NJ**
Bersch N see **Geffner ME**
Berstad A see **Wilhelmsen I**
Bertanti T see **Poletti V**
Bertazzoni U see **Zella D**
Bertera RL. The effects of workplace health promotion on absenteeism and employment costs in a large industrial population. Am J Public Health 1990 Sep;80(9):1101–5
Berthelot P see **Pol S**
Bertherat J see **Timsit J**
Berti A see **Bisiach E**
Bertilsson L see **Tomson T**
Bertina RM, Ploos van Amstel HK, van Wijngaarden A, Coenen J, Leemhuis MP, Deutz-Terlouw PP, van der Linden IK, Reitsma PH. Heerlen polymorphism of protein S, an immunologic polymorphism due to dimorphism of residue 460. Blood 1990 Aug 1;76(3):538–48
Bertolini A see **Guarini S**
Bertoloni D see **Gobbi PG**
Bertrand P see **Rohmer V**
Beshai AZ, Zimmern PE. Is evaluation of the right colon necessary prior to cecocystoplasty? J Urol 1990 Aug;144(2 Pt 1):359–61
Besnainou F see **Deleuze P**
Bessen D, Fischetti VA. Synthetic peptide vaccine against mucosal colonization by group A streptococci. I. Protection against a heterologous M serotype with shared C repeat region epitopes. J Immunol 1990 Aug 15; 145(4):1251–6
Besser R, Vogt T, Gutmann L. Pancuronium improves the neuromuscular transmission defect of human organophosphate intoxication. Neurology 1990 Aug; 40(8):1275–7
Bessho H see **Matsumoto E**
Besson JA see **Ebmeier KP**
Bethencourt A see **Medina A**
Bettany JA, Fish DR, Mendel FC. High-voltage pulsed direct current: effect on edema formation after hyperflexion injury. Arch Phys Med Rehabil 1990 Aug;71(9):677–81
Betts CD see **Welch M**
Betts F see **Brien WW**
Betts RF see **Falsey AR**
Betts RP see **Stockley I**
Betz M, Fox BS. Regulation and development of cytochrome c-specific IL-4-producing T cells. J Immunol 1990 Aug 15;145(4):1046–52
Beuscart C see **Leroy O**
Beutler E, Saven A. Misuse of marrow examination in the diagnosis of Gaucher disease. Blood 1990 Aug 1; 76(3):646–8
Beutter P see **Calais G**
Bevan DH see **Aylett SE**
Bevan DR see **Gill SS**
Bevilacqua RG, Coit DG, Rogatko A, Younes RN, Brennan MF. Axillary dissection in melanoma. Prognostic variables in node-positive patients. Ann Surg 1990 Aug; 212(2):125–31
Bevis M, Taylor B. What do school teachers know about asthma? Arch Dis Child 1990 Jun;65(6):622–5
Bewick M see **Dische FE**
Bewtra AK see **Davé NK**
Beykal O see **Durukan T**
Bhaduri A see **Bhatavdekar JM**
Bhan AO see **Adler DD**
Bharadwaj B see **Pinilla JC**
Bharati S, Engle MA, Fatica NS, Bussell JB, Sulayman RF, Lev M, Lynfield J. The heart and conduction system in acute Kawasaki disease: report of fraternal cases—one lethal, one relapsing. Am Heart J 1990 Aug;120(2):359–65
Bhasin S see **Krummen LA**
Bhatavdekar JM, Shah NG, Balar DB, Patel DD, Bhaduri A, Trivedi SN, Karelia NH, Ghosh N, Shukla MK, Giri DD. Plasma prolactin as an indicator of disease progression in advanced breast cancer. Cancer 1990 May 1; 65(9):2028–32
Bhatt AK see **Quinlan PM**
Bhatt SM see **Gilks CF**
Bhattacharyya SS, Trivedi A, Pendkar R, Thacker JJ. Hemostatic technique for internal mammary artery anastomotic bleeding. Ann Thorac Surg 1990 Aug; 50(2):316–7
Bhawan J see **Phillips TJ**
Bhugra D, Smith J, Junaid O. Doctors' safety: who cares? [letter] BMJ 1990 Jul 7;301(6742):43
Bhullar VB see **Sinei SK**
Bhuta S see **Ferreiro JA**
Biagini R, De Cristofaro R, Ruggieri P, Boriani S. Giant-cell tumor of the spine. A case report. J Bone Joint Surg [Am] 1990 Aug;72(7):1102–7
Bianchi A see **Epelman S**
Bianchi MD. Fluoxetine treatment of exhibitionism [letter] Am J Psychiatry 1990 Aug;147(8):1089–90
Bianchi P see **Toscano V**
Bianchi S see **Fedele L**
Bianco JA, Pepe MS, Higano C, Applebaum FR, McDonald GB, Singer JW. Prevalence of clinically relevant bacteremia after upper gastrointestinal endoscopy in bone marrow transplant recipients. Am J Med 1990 Aug; 89(2):134–6
Bibler MR see **Hoppenjans WB**
Bichara M, Mercier O, Borensztein P, Paillard M. Acute metabolic acidosis enhances circulating parathyroid hormone, which contributes to the renal response against acidosis in the rat. J Clin Invest 1990 Aug;86(2):430–43
Bichet D see **Dupuis J**
Bichler KH see **Strohmaier WL**
Bickel M, Cohen RB, Pluznik DH. Post-transcriptional regulation of granulocyte-macrophage colony-stimulating factor synthesis in murine T cells. J Immunol 1990 Aug 1;145(3):840–5
Bickerstaff DR, Neal LM, Booth AJ, Brennan PO, Bell MJ. Ultrasound examination of the irritable hip. J Bone Joint Surg [Br] 1990 Jul;72(4):549–53
Biddle C, Oaster TR. Investigating the nature of the morbidity and mortality conference. Acad Med 1990 Jun; 65(6):420
Biemond I see **Jansen JB**
Bieri A see **Floersheim GL**
Bierman CW. New units of antigen standardization [letter] J Allergy Clin Immunol 1990 Aug;86(2):278
Bigelow JC see **Salomon NW**
Biggart JD see **Lioe TF**
Biggart MJ, Bohn DJ. Effect of hypothermia and cardiac arrest on outcome of near-drowning accidents in children. J Pediatr 1990 Aug;117(2 Pt 1):179–83

Bigger JT Jr, Hoover CA, Steinman RC, Rolnitzky LM, Fleiss JL. Autonomic nervous system activity during myocardial ischemia in man estimated by power spectral analysis of heart period variability. The Multicenter Study of Silent Myocardial Ischemia Investigators. Am J Cardiol 1990 Aug 15;66(4):497–8
Bigler WJ see Pitchenik AE
Biglieri EG see Kater CE
Bignell P see Peake IR
Bigorgne JC see Rohmer V
Bigrigg MA, Codling BW, Pearson P, Read MD, Swingler GR. Colposcopic diagnosis and treatment of cervical dysplasia at a single clinic visit. Experience of low-voltage diathermy loop in 1000 patients. Lancet 1990 Jul 28; 336(8709):229–31
Bihrle D see Cataldo NA
Bihrle R see Donohue JP
Bijur PE, Haslum M, Golding J. Cognitive and behavioral sequelae of mild head injury in children. Pediatrics 1990 Sep;86(3):337–44
Bilezikian JP see Horn EM
(Billard CM), Dunn PM. Charles-Michel Billard (1800–1832): pioneer of neonatal medicine. Arch Dis Child 1990 Jul;65(7 Spec No):711–2
Billings PR see Kuchroo VK
Billington D see Dalzell AM
Binder BR see Kirchheimer JC
Binder LS. Emergency medicine education and the HIV epidemic [editorial] Ann Emerg Med 1990 Jul;19(7):830–1
Binder RL see Haller E
Binder T see Pollak H
Binet JL see Borche L
Binette SP see Rader JS
Bingham BJ see Padgham ND
Binkley PF see Krukemyer JJ
Binkley PF see Leier CV
Binkovitz LA, Johnson CD, Stephens DH. Islet cell tumors in von Hippel-Lindau disease: increased prevalence and relationship to the multiple endocrine neoplasias. AJR Am J Roentgenol 1990 Sep;155(3):501–5
Bioulac-Sage P see Kossaifi T
Birch CJ, Tachedjian G, Doherty RR, Hayes K, Gust ID. Altered sensitivity to antiviral drugs of herpes simplex virus isolates from a patient with the acquired immunodeficiency syndrome. J Infect Dis 1990 Sep;162(3):731–4
Birch PJ, Jeffrey MJ, Andrews MI. Alcian blue: reliable rapid method for marking resection margins [letter] J Clin Pathol 1990 Jul;43(7):608–9
Birch SJ see Hunt TM
Birchall IW see Nixon J
Birchall JP see Deans JA
Birchard JD, Pichora DR, Brown PM. External iliac artery and lumbosacral plexus injury secondary to an open book fracture of the pelvis: report of a case. J Trauma 1990 Jul; 30(7):906–8
Bird CC see Whitby LG
Bird GL, O'Grady JG, Harvey FA, Calne RY, Williams R. Liver transplantation in patients with alcoholic cirrhosis: selection criteria and rates of survival and relapse. BMJ 1990 Jul 7;301(6742):15–7
Bird H see Sakkas LI
Bird HA see Palit J
Bird J see Mackenzie JW
Bird JA see Jenkins CN
Bird JM, Cummins D, Machin SJ. Cyclophosphamide for chronic relapsing thrombotic thrombocytopenic purpura [letter] Lancet 1990 Sep 1;336(8714):565–6
Birmingham AT see Iacovou JW
Birnbaum BA, Bosniak MA, Megibow AJ, Lubat E, Gordon RB. Observations on the growth of renal neoplasms. Radiology 1990 Sep;176(3):695–701
Biro FM, Hillard PA. Genital human papillomavirus infection in adolescents. Med Clin North Am 1990 Sep;74(5):1235–49 (118 ref.)
Bisaccia E, Berger C, Klainer AS. Extracorporeal photopheresis in the treatment of AIDS-related complex: a pilot study [see comments] Ann Intern Med 1990 Aug 15;113(4):270–5. Comment in: Ann Intern Med 1990 Aug 15;113(4):263–4.
Bisceglia M, Matalon TA, Silver B. The pump maneuver: an atraumatic adjunct to enhance US needle tip localization. Radiology 1990 Sep;176(3):867–8
Biscoglio MJ see Mazza MM
Biserte J see Dumur V
Bishof NA see Welch TR
Bishop NJ, King FJ, Ward P, Rennie JM, Dixon AK. Paradoxical bone mineralisation in the twin to twin transfusion syndrome. Arch Dis Child 1990 Jul;65(7 Spec No):705–6
Bishop NJ, King FJ, Lucas A. Linear growth in the early neonatal period. Arch Dis Child 1990 Jul;65(7 Spec No):707–8
Bishop RF see Sethabutr O
Bisiach E, Geminiani G, Berti A, Rusconi ML. Perceptual and premotor factors of unilateral neglect. Neurology 1990 Aug;40(8):1278–81
Bisiani G see Cicardi M
Bismuth H see Gugenheim J
al Bitar I see al Kasab SM
Bite U see Lo AK
Bitsch M, Hermann GG, Andersen JP, Steven K. Low dose intravesical heparin as prophylaxis against recurrent noninvasive (stage Ta) bladder cancer. J Urol 1990 Sep; 144(3):635–6
Bittiner SB. Oxpentifylline treatment of venous leg ulcers [letter] BMJ 1990 Jun 9;300(6738):1528
Bittl JA. Stretching the effect of the balloon. Mitral valvuloplasty and pulmonary function [editorial; comment] Chest 1990 Aug;98(2):259–60. Comment on: Chest 1990 Aug;98(2):290–4.
Biven RE see Davé NK
Biyani A see Farooque M
Biyoudi-Vouenze R, Tazi A, Hance AJ, Chastre J, Basset F, Soler P. Abnormal epithelial cells recovered by bronchoalveolar lavage: are they malignant? Am Rev Respir Dis 1990 Sep;142(3):686–90
Bizozzero JP see Machy P
Bjerkedal T see Flaten H
Bjork KJ, Davis CJ, Nagorney DM, Mucha P Jr. Duodenal villous tumors. Arch Surg 1990 Aug;125(8):961–5
Björkholm M see Grimfors G
Bjornsson S see Lim BH
Bjure J see Krantz I
Black AE. Extraordinary oxygen pipeline failure [letter] Anaesthesia 1990 Jul;45(7):599–600
Black AJ see Warren RJ
Black BL see Guyton JR
Black CM see Darton K
Black CT, Hennessey PJ, Andrassy RJ. Short-term hyperglycemia depresses immunity through nonenzymatic glycosylation of circulating immunoglobulin. J Trauma 1990 Jul;30(7):830–2; discussion 832–3
Black DM, Lamkin G, Olivera EH, Laskarzewski PM, Stein EA. Sleep disturbance and HMG CoA reductase inhibitors [letter] JAMA 1990 Sep 5;264(9):1105
Black DW see Zimmerman M
Black NA, Sanderson CF, Freeland AP, Vessey MP. A randomised controlled trial of surgery for glue ear. BMJ 1990 Jun 16;300(6739):1551–6
Black PG see Pribble CG
Black RS see Blass JP
Black S see Riley DE
Black VH. Immunodetectable cytochromes P450 I, II, and III in guinea pig adrenal—hormone responsiveness and relationship to capacity for xenobiotic metabolism. Endocrinology 1990 Sep;127(3):1153–9
Black WC, Ling A. Is earlier diagnosis really better? The misleading effects of lead time and length biases. AJR Am J Roentgenol 1990 Sep;155(3):625–30
Blackburn JL see Anderson GM
Blacklow RS see Hojat M
Blackman JA, Bretthauer J. Examining high-risk children for learning problems in the health care setting. Pediatrics 1990 Sep;86(3):398–404
Blackshaw G, Thomson N. Pott's puffy tumour reviewed. J Laryngol Otol 1990 Jul;104(7):574–7 (7 ref.)
Blackshear JL see Van Woert JH
Blackwell CR see Garton GR
Blair C see Kahl LE
Blaivas JG. Multichannel urodynamic studies in men with benign prostatic hyperplasia. Indications and interpretation. Urol Clin North Am 1990 Aug;17(3):543–52 (34 ref.)
Blake D see Levine SR
Blake JC, Sprengers D, Grech P, McCormick PA, McIntyre N, Burroughs AK. Bleeding time in patients with hepatic cirrhosis. BMJ 1990 Jul 7;301(6742):12–5
Blake KD, Jellinek DC. Visiting and immunisation policies on a regional neonatal unit [letter] Lancet 1990 Aug 4; 336(8710):308–9
Blake PG see Miles JF Jr
Blake SW, Bonnett DE, Finch J. A comparison of two methods of in vivo dosimetry for a high energy neutron beam. Br J Radiol 1990 Jun;63(750):476–81
Blakemore WF see Williams AE
Blakemore WS see Turhal N
Blamire AM see Johnson IR
Blamire AM see Stehling MK
Blanc AP see Routy JP
Blanc L see Develoux M
Blancett SS. Human development renaissance [editorial] J Nurs Adm 1990 Jul-Aug;20(7–8):4–5
Blanco AN see Riveros DA
Blanco CE see Bamford OS
Blanco R, Saenz de Tejada I, Goldstein I, Krane RJ, Wotiz HH, Cohen RA. Dysfunctional penile cholinergic nerves in diabetic impotent men. J Urol 1990 Aug;144(2 Pt 1):278–80
Bland KI see Hocking MP
Bland KI see Klimberg VS
Blane C see Young W
Blaner WS see Goldberg IJ
Blank LL see Tape TG
Blaser MJ see Glassman MS
Blass JP, Baker AC, Ko L, Black RS. Induction of Alzheimer antigens by an uncoupler of oxidative phosphorylation. Arch Neurol 1990 Aug;47(8):864–9
Blattner WA see Lipka JJ
Blaylock RC see Herr RD
Blaylock WK see Linberg JV
Blazar B see Weisdorf DJ
Blehschmidt NG see Teba L
Blendis LM see Laskin CA
Blesing NE, Hambley H. Early hypothyroidism in patients with menorrhagia [letter] Am J Obstet Gynecol 1990 Aug; 163(2):697
Blessey RL see Cahalin LP
Blickstein I. Twin-to-twin transfusion syndrome [letter] Am J Obstet Gynecol 1990 Aug;163(2):677–8
Bliwise DL, Nino-Murcia G, Forno LS, Viseskul C. Abundant REM sleep in a patient with Alzheimer's disease. Neurology 1990 Aug;40(8):1281–4
Bloch CA see Porreco RP
Bloch DA see Arend WP
Bloch DA, Moses LE, Michel BA. Statistical approaches to classification. Methods for developing classification and other criteria rules. Arthritis Rheum 1990 Aug; 33(8):1137–44
Bloch DA, Michel BA, Hunder GG, McShane DJ, Arend WP, Calabrese LH, Edworthy SM, Fauci AS, Fries JF, Leavitt RY, et al. The American College of Rheumatology 1990 criteria for the classification of vasculitis. Patients and methods. Arthritis Rheum 1990 Aug;33(8):1068–73
Bloch DA see Calabrese LH
Bloch DA see Fries JF
Bloch DA see Hunder GG
Bloch DA see Leavitt RY
Bloch DA see Lightfoot RW Jr
Bloch DA see Masi AT
Bloch DA see Mills JA
Bloch G see Deleuze P
Block ER see Goldstein RA
Block G see Murphy SP
Block KP see Crowell PL
Block MJ see Westen D
Block PC see Abascal VM
Blomberg F see de Zegher F
Blond MH see Jonville AP
Bloom AL see Peake IR
Bloom DA, Knechtel JM, McGuire EJ. Urethral dilation improves bladder compliance in children with myelomeningocele and high leak point pressures. J Urol 1990 Aug;144(2 Pt 2):430–3; discussion 443–4
Bloom SR see O'Halloran DJ
Blossom HJ see McCann DP
Blount BW. Lightning injuries. Am Fam Physician 1990 Aug; 42(2):405–15 (47 ref.)
Blow FC see Beresford TP
Blue JM, Burney DP. Current trends in the diagnosis and treatment of hepatic artery aneurysms. South Med J 1990 Aug;83(8):966–9 (10 ref.)
Bluestone JA see Ezquerra A
Bluestone JA see Hunt HD
Bluestone JA see Richards JM
Bluet-Pajot MT see Di Sciullo A
Bluhm R, Branch R, Johnston P, Stein R. Aplastic anemia associated with canthaxanthin ingested for 'tanning' purposes. JAMA 1990 Sep 5;264(9):1141–2
Blumberg JF see Blumberg KD
Blumberg KD, Foster WC, Blumberg JF, Adelaar RS, Deblois ME, Hussey RW, Loughran TP, Cardea JA. A comparison of the Brooker-Wills and Russell-Taylor nails for treatment of patients who have fractures of the femoral shaft. J Bone Joint Surg [Am] 1990 Aug;72(7):1019–24
Blume KG see Chao NJ
Blumgart LH see Baer HU
Blumgart LH see Lerut J
Blumhardt G see Neuhaus P
Blumthaler M see Staehelin J
Blunt M see Lindsay MK
Blyth B see deKernion JB
Blyth B see Neuwirth H
Boachie-Adjei O see Bradford DS
Boaz VA see Mishu B
Boccagno JA see Pincus T
Bocchetta A, Del Zompo M. Bipolar affective disorder and heterozygous beta-thalassemia [letter] Am J Psychiatry 1990 Aug;147(8):1094
Bochner A see Kahn A
Boden G, Tappy L. Effects of amino acids on glucose disposal. Diabetes 1990 Sep;39(9):1079–84
Bodine DM see Brandt SJ
Boeckman CR see Skipper RP
Boehm SH, Weaver LK, East TD, Morris AH. PCIRV—a mode of ventilation associated with problems [letter] Chest 1990 Aug;98(2):520
Boen JR see French LR
Boerbooms AM see van Klaveren RJ
Boersma ER see van Beusekom C
Boes M see Bar RS
Boesel CP see Allenby PA
Boesken WH see Weber M
Boeykens PP see van Garsse LG
Bogema SC see DuPont RL
Bogen DK see Bavaria JE
Bogle ML see Wellman NS
Bogod DG. Detecting awareness during general anaesthesia [letter] Anaesthesia 1990 Jul;45(7):590
Bogumill GP see Nelson MC
Böhm M see Hauck RW
Bohn DJ see Biggart MJ
Bohr T. The carpal tunnel syndrome [letter] Ann Intern Med 1990 Aug 1;113(3):254
Böhrer H see Wehlage DR
Boileau G see Tran-Paterson R
Bolan JC see Burke AB
Bolaños F see Villar J

Bolender RP see **Snow AD**
Bolin TD see **Khin-Maung-U**
Bollag WB, Barrett PQ, Isales CM, Liscovitch M, Rasmussen H. A potential role for phospholipase-D in the angiotensin-II-induced stimulation of aldosterone secretion from bovine adrenal glomerulosa cells. Endocrinology 1990 Sep;127(3):1436–43
Bolli R see **O'Neill PG**
Bolling SF see **Zweng TN**
Bolong D see **Kass EJ**
Bolus R see **Weingarten S**
Bolwell BJ see **Brown RA**
Bombassaro AM see **Boucher BA**
Bombelli M see **Maistrelli GL**
Bombelli R see **Maistrelli GL**
Bomgaars MR. Undernourished children [letter] Am Fam Physician 1990 Aug;42(2):315
Bona C see **Shefner R**
Bonacina E see **Curiel P**
Bonamo JR see **Podesta L**
Bond JH. Screening for colorectal cancer: need for controlled trials [editorial; comment] Ann Intern Med 1990 Sep 1;113(5):338–40. Comment on: Ann Intern Med 1990 Sep 1;113(5):373–84.
Bone RC see **Silverman HJ**
Bongard F see **Chen JC**
Bonichon F see **de Mascarel I**
Bonifacino JS see **Antusch D**
Bonilla E, Younger DS, Chang HW, Tantravahi U, Miranda AF, Medori R, DiMauro S, Warburton D, Rowland LP. Partial dystrophin deficiency in monozygous twin carriers of the Duchenne gene discordant for clinical myopathy. Neurology 1990 Aug;40(8):1267–70
Bonilla NT see **Jenkins CN**
Bonke B see **Jelicic M**
Bonn J see **Rosato FE**
Bonneau RH see **Glaser R**
Bonnem E see **Barlogie B**
Bonnet AM see **Vidailhet MJ**
Bonnet CA, Elson JJ, Fogoros RN. Accidental deactivation of the automatic implantable cardioverter defibrillator. Am Heart J 1990 Sep;120(3):696–7
Bonnet CA see **Fogoros RN**
Bonnett DE see **Blake SW**
Bonnlander H see **Rossignol AM**
Booker M, Parsons J. The perurethral technique for ultrasound directed follicle aspiration in an in-vitro fertilization and embryo transfer programme: a report of 636 patient cycles. Br J Obstet Gynaecol 1990 Jun; 97(6):499–505
Bookstein L, Gidding SS, Donovan M, Smith FA. Day-to-day variability of serum cholesterol, triglyceride, and high-density lipoprotein cholesterol levels. Impact on the assessment of risk according to the National Cholesterol Education Program guidelines [see comments] Arch Intern Med 1990 Aug;150(8):1653–7. Comment in: Arch Intern Med 1990 Aug;150(8):1583–5.
Boone TC see **Hammond WP**
Booth AJ see **Bickerstaff DR**
Booth AM see **Tabatabai M**
Booth BA see **Bar RS**
Booth C see **Morgan DR**
Booth CC. The origin and growth of medical journals. Ann Intern Med 1990 Sep 1;113(5):398–402
Booth IW see **Parashar K**
Boothroyd AE, Dixon PJ, Christmas TJ, Chapple CR, Rickards D. The ultrasound cystodynamogram—a new radiological technique. Br J Radiol 1990 May;63(749):331–2
Borche L, Lim A, Binet JL, Dighiero G. Evidence that chronic lymphocytic leukemia B lymphocytes are frequently committed to production of natural autoantibodies. Blood 1990 Aug 1;76(3):562–9
Borden EC, Amato DA, Edmonson JH, Ritch PS, Shiraki M. Randomized comparison of doxorubicin and vindesine to doxorubicin for patients with metastatic soft-tissue sarcomas. Cancer 1990 Sep 1;66(5):862–7
Border WA see **Okuda S**
Borderon M see **Har-El G**
Bordessoule D, Gaulard P, Mason DY. Preferential localisation of human lymphocytes bearing gamma delta T cell receptors to the red pulp of the spleen. J Clin Pathol 1990 Jun;43(6):461–4
Bordigoni L see **Bourlière M**
Bordure G see **DuBois JB**
Borenstein BD see **Hojat M**
Borensztein P see **Bichara M**
Borg E see **Counter SA**
Borg JY see **Levesque H**
Borge D see **Gonsoulin W**
Borges MR see **Rebeyka IM**
Boriani S see **Biagini R**
Bories P see **Diaz D**
Borislow DS see **Brazer SR**
Borkowsky W see **Chandwani S**
Borkowsky W see **Leibovitz E**
Borleffs JC see **Parmentier HK**
Born J see **Kern W**
Bornstein SR, Ehrhart-Bornstein M, Scherbaum WA, Pfeiffer EF, Holst JJ. Effects of splanchnic nerve stimulation on the adrenal cortex may be mediated by chromaffin cells in a paracrine manner. Endocrinology 1990 Aug; 127(2):900–6
Boros DL see **Fidel PL Jr**
Borow KM see **Marcus RH**
Borowitz M see **Crist W**
Borowitz MJ see **Levy JM**
Borowitz MJ see **Pui CH**
Borrell A see **Fisk NM**
Borrico S see **Hjemdahl-Monsen CE**
Bortolotti F, Cadrobbi P, Crivellaro C, Guido M, Rugge M, Noventa F, Calzia R, Realdi G. Long-term outcome of chronic type B hepatitis in patients who acquire hepatitis B virus infection in childhood. Gastroenterology 1990 Sep; 99(3):805–10
Bory JL see **Pierro JA**
Bosanquet AG see **Goss AN**
Bosch J see **Agusti AG**
Bosch R see **Aboseif SR**
Boscq M see **Jonville AP**
Bosken CH, Wiggs BR, Paré PD, Hogg JC. Small airway dimensions in smokers with obstruction to airflow. Am Rev Respir Dis 1990 Sep;142(3):563–70
Bosl GJ see **Motzer RJ**
Bosniak MA see **Birnbaum BA**
Boss LP, Suarez L. Uses of data to plan cancer prevention and control programs. Public Health Rep 1990 Jul-Aug; 105(4):354–60
Bossaller C see **Regitz V**
Bossart PJ see **Herr RD**
Bosserman LD see **Licht JD**
Bosso JA see **Pribble CG**
Böstman O, Hirvensalo E, Mäkinen J, Rokkanen P. Foreign-body reactions to fracture fixation implants of biodegradable synthetic polymers. J Bone Joint Surg [Br] 1990 Jul;72(4):592–6
Böstman OM. Refracture after removal of a condylar plate from the distal third of the femur. J Bone Joint Surg [Am] 1990 Aug;72(7):1013–8
Boston CM. Healthcare reform. J Nurs Adm 1990 Jul-Aug; 20(7–8):8–9
Bostwick HE see **Glassman MS**
Botas J see **Garcia-Dorado D**
Botero RC see **Cavanzo FJ**
Botta D see **Bourlière M**
Botti JJ see **Koch KL**
Botti JJ see **Kuhn DC**
Bottiglieri T see **Godfrey PS**
Bottomly K see **Ernst DN**
Bottoms SF see **Treadwell MC**
Boucek MM see **Shaddy RE**
Bouchardeau F see **Lefrère JJ**
Boucher BA, Hickerson WL, Kuhl DA, Bombassaro AM, Jaresko GS. Imipenem pharmacokinetics in patients with burns. Clin Pharmacol Ther 1990 Aug;48(2):130–7
Boucher CA see **Levinson JR**
Boucherat M see **Escudier E**
Boudoulas H see **Krukemyer JJ**
Boudoulas H see **Michaelides AP**
Bouffard YM see **Annat GJ**
Boughton BJ see **McMillan AK**
Bouhnik Y see **Flourié B**
Boulware SD see **Carpenter TO**
Bouma GJ, Muizelaar JP. Relationship between cardiac output and cerebral blood flow in patients with intact and with impaired autoregulation. J Neurosurg 1990 Sep; 73(3):368–74
Bourdeau AM see **Fasciotto BH**
Bourdillon PD see **Brown SE**
Bourdillon PD see **Gunnar RM**
Bourdoux P see **Glinoer D**
Bourey RE, Koranyi L, James DE, Mueckler M, Permutt MA. Effects of altered glucose homeostasis on glucose transporter expression in skeletal muscle of the rat. J Clin Invest 1990 Aug;86(2):542–7
Bourguignon JP, Gerard A, Mathieu J, Mathieu A, Franchimont P. Maturation of the hypothalamic control of pulsatile gonadotropin-releasing hormone secretion at onset of puberty. I. Increased activation of N-methyl-D-aspartate receptors. Endocrinology 1990 Aug;127(2):873–81
Bourlière M, Le Treut YP, Arnoux D, Castellani P, Bordigoni L, Maillot A, Antoni M, Botta D, Pol B, Gauthier AP. Acute Budd-Chiari syndrome with hepatic failure and obstruction of the inferior vena cava as presenting manifestations of hereditary protein C deficiency. Gut 1990 Aug;31(8):949–52
Bousfield GR see **Moore KH**
Bousquet J, Chanal I, Skassa-Brociek W, Lemonier C, Michel FB. Lack of subsensitivity to loratadine during long-term dosing during 12 weeks. J Allergy Clin Immunol 1990 Aug; 86(2):248–53
Boussougant Y see **Pouchot J**
Boutin B see **Mayer JM**
Bouvet AA see **Feliciano NR**
Bouvet JP, Pirès R, Lunel-Fabiani F, Crescenzo-Chaigne B, Maillard P, Valla D, Opolon P, Pillot J. Protein F. A novel F(ab)-binding factor, present in normal liver, and largely released in the digestive tract during hepatitis. J Immunol 1990 Aug 15;145(4):1176–80
Boux H see **Rinfret A**
Bova FC see **Klimberg VS**
Bove EL see **Zweng TN**
Bowald S see **Karacagil S**
Bowden DH see **Adamson IY**
Bowden R see **Kiviat N**
Bowden RA see **Sullivan KM**
Bowen D see **Peake IR**
Bowen JC see **Granke K**
Bowen LL see **Varboncoeur AP**
Bowes G see **Mestitz H**
Bowes WA Jr see **Watson WJ**
Bowie JD see **Carson SC**
Bowler RM see **Estrin WJ**
Bowler RM see **Klees JE**
Bowman GA. Coronary artery bypass grafting without splenectomy [letter] Ann Thorac Surg 1990 Aug; 50(2):330–1
Bowman LC see **Pui CH**
Bowsher D. Central pain [letter] BMJ 1990 Jun 23; 300(6740):1652
Boxen I. Endothelial injury [letter] Can Med Assoc J 1990 Aug 15;143(4):258–9
Boyce JM. Severe streptococcal axillary lymphadenitis. N Engl J Med 1990 Sep 6;323(10):655–8
Boyce WT. Life after residency. Setting priorities in pediatric professional life. Am J Dis Child 1990 Aug;144(8):858–60
Boyd AE 3d, Aguilar-Bryan L, Nelson DA. Molecular mechanisms of action of glyburide on the beta cell. Am J Med 1990 Aug 20;89(2A):3S–10S; discussion 51S–53S (36 ref.)
Boyd AJ, Sherman IA, Saibil FG, Mamelak M. The protective effect of gamma-hydroxybutyrate in regional intestinal ischemia in the hamster. Gastroenterology 1990 Sep; 99(3):860–2
Boyd AS see **Martin RW 3d**
Boyd N. Fighting AIDS in francophone African countries [letter] Can Med Assoc J 1990 Aug 15;143(4):257–8
Boyd SD see **Malkowicz SB**
Boyko OB see **Lurie SN**
Boyle JM see **al-Mudallal R**
Boylston AW see **Jackson DP**
Boyne PJ see **Westermark AH**
Boysen PG see **McGough EK**
Boyson SJ see **Parker WD JR**
Bozzao L see **Angeloni U**
Bozzette S see **Chiu J**
Braakman R see **Jennett B**
Bracken MB. Oral contraception and congenital malformations in offspring: a review and meta-analysis of the prospective studies. Obstet Gynecol 1990 Sep;76(3 Pt 2):552–7
Bradburne RM see **Carter EJ**
Bradford DS, Boachie-Adjei O. Treatment of severe spondylolisthesis by anterior and posterior reduction and stabilization. A long-term follow-up study. J Bone Joint Surg [Am] 1990 Aug;72(7):1060–6
Bradham RR, Locklair PR Jr, Grimball A. Bilateral pulmonary nodules caused by Dirofilaria immitis. Ann Thorac Surg 1990 Aug;50(2):312–3
Bradley E see **Hajj C**
Bradley EL Jr see **Kissin I**
Brady DE see **Aniskiewicz AS**
Brady K, Anton R, Ballenger JC, Lydiard RB, Adinoff B, Selander J. Cocaine abuse among schizophrenic patients. Am J Psychiatry 1990 Sep;147(9):1164–7
Brady MS see **Ernst JA**
Brady kt, Austin L, Lydiard RB. Body dysmorphic disorder: the relationship to obsessive-compulsive disorder. J Nerv Ment Dis 1990 Aug;178(8):538–40
Braga M, Zerbi A, Dal Cin S, De Franchis R, Malesci A, Di Carlo V. Postoperative management of patients with total exocrine pancreatic insufficiency. Br J Surg 1990 Jun; 77(6):669–72
Brage HN see **Wingren G**
Brahams D. A difficult tracheal intubation as a result of obesity and absence of teeth. Anaesthesia 1990 Jul; 45(7):586–7
Brahams D. Compensation for heat-illness death, USA. Lancet 1990 Aug 4;336(8710):303
Brahams D. Coroners and allegations of lack of care, UK and Hong Kong. Lancet 1990 Sep 1;336(8714):559–60
Brahams D. Haemophilic AIDS patient loses claim in Australia [news] Lancet 1990 Jul 28;336(8709):238–9
Brain C see **Cummins D**
Brain JD see **Skornik WA**
Braine HG see **Kickler TS**
Braker A, LaBan MM, Meerschaert JR. Low back pain as the presenting symptom of metastatic angiosarcoma. Am J Phys Med Rehabil 1990 Aug;69(4):180–3
Bramwell SP see **Mufti GR**
Branch DW, Scott JR. Pregnancy loss terminology [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):245–6
Branch DW, Dudley DJ, Mitchell MD, Creighton KA, Abbott TM, Hammond EH, Daynes RA. Immunoglobulin G fractions from patients with antiphospholipid antibodies cause fetal death in BALB/c mice: a model for autoimmune fetal loss. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):210–6
Branch DW see **Rote NS**
Branch R see **Bluhm R**
Brand DA see **White LD**
Brand JC see **Miller JJ**
Brandão M see **Bacchi CE**
Brandi AM see **Le Dafniet M**
Brandling-Bennett AD see **Sexton JD**
Brandling-Bennett AD see **Taylor KA**
Brandstetter RD, Tamarin FM, O'Neill OJ, Andresen AF Jr,

Schraft WG, Perez J. Pleural fluid acidosis in the malignant variant of benign pleural mesothelioma [letter] Chest 1990 Aug;98(2):514–5
Brandt HA see **Demitrack MA**
Brandt J see **Strauss ME**
Brandt SJ, Bodine DM, Dunbar CE, Nienhuis AW. Dysregulated interleukin 6 expression produces a syndrome resembling Castleman's disease in mice. J Clin Invest 1990 Aug;86(2):592–9
Brandt TD see **Rader JS**
Brandt WE. From the World Health Organization. Development of dengue and Japanese encephalitis vaccines. J Infect Dis 1990 Sep;162(3):577–83
Brandtzaeg P see **Valnes K**
Brankin EB see **Hinnie J**
Brannon B see **Dwyer KM**
Bransby-Zachary MA, Stother IG, Wilkinson RW. Peak pressures in the forefoot. J Bone Joint Surg [Br] 1990 Jul; 72(4):718–21
Brantley SK see **Davidson SF**
Braquet P see **Pignol B**
Brass LF see **Williams AG**
Brass LM see **Levine SR**
Braude P, Johnson MH, Aitken RJ. Human Fertilisation and Embryology Bill goes to report stage. BMJ 1990 Jun 2; 300(6737):1410–2
Brauner R see **Pierre-Kahn A**
Braunsberger B see **Putensen C**
Braunwald E see **Antman EM**
Braunwald E see **Hillis LD**
Braunwald E. The stunned myocardium: newer insights into mechanisms and clinical implications [letter; comment] J Thorac Cardiovasc Surg 1990 Aug;100(2):310–1. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):210–20.
Braverman R see **Cooper HL**
Bravo ML see **Monteagudo M**
Brayley N see **Westaby S**
Brazer SR, Borislow DS, Liddle RA. Cholecystokinin is not a major hormonal regulator of lower esophageal sphincter pressure. Gastroenterology 1990 Sep;99(3):641–5
Breach NM see **Skene AI**
Brechignac S see **Herson S**
Brechot C see **Pol S**
Brechtel G see **Edelman SV**
Brechtel G see **Laakso M**
Bredtmann RD, Herden HN, Teichmann W, Moecke HP, Kniesel B, Baetgen R, Tecklenburg A. Epidural analgesia in colonic surgery: results of a randomized prospective study. Br J Surg 1990 Jun;77(6):638–42
Breebaart AC, Nuyts RM, Pels E, Edelhauser HF, Verbraak FD. Toxic endothelial cell destruction of the cornea after routine extracapsular cataract surgery. Arch Ophthalmol 1990 Aug;108(8):1121–5
Breebaart AC see **Nuyts RM**
Breen JF see **Apicella MA**
Breen JF see **Guthaner DF**
Brehier A, Thomasset M. Stimulation of calbindin-D9K (CaBP9K) gene expression by calcium and 1,25-dihydroxycholecalciferol in fetal rat duodenal organ culture. Endocrinology 1990 Aug;127(2):580–7
Breiman RF see **Schwartz B**
Breinig MK, Kingsley LA, Armstrong JA, Freeman DJ, Ho M. Epidemiology of genital herpes in Pittsburgh: serologic, sexual, and racial correlates of apparent and inapparent herpes simplex infections. J Infect Dis 1990 Aug; 162(2):299–305
Brekke JH see **Moore JW**
Breman JG see **Sexton JD**
Brendler CB, Schlegel PN, Walsh PC. Urethrectomy with preservation of potency. J Urol 1990 Aug;144(2 Pt 1):270–3
Brendler CB see **Oesterling JE**
Breneman DL see **Fivenson DP**
Brener BJ see **Eisenbud DE**
Brennan LP see **Lally KP**
Brennan MF see **Bevilacqua RG**
Brennan PO see **Bickerstaff DR**
Brenner M, Mukai DS, Russell JE, Spiritus EM, Wilson AF. A new method for measurement of airway occlusion pressure. Chest 1990 Aug;98(2):421–7
Brenner RP see **Jumao-as A**
Brent J, Vo N, Kulig K, Rumack BH. Reversal of prolonged isoniazid-induced coma by pyridoxine. Arch Intern Med 1990 Aug;150(8):1751–3
Brenwald NP, Teare EL, Mountfort LK, Tettmar RE. Selective medium for isolating Arcanobacterium haemolyticum [letter] J Clin Pathol 1990 Jul;43(7):610
Brescia D see **Pan HY**
Breslin EH, Garoutte BC, Kohlman-Carrieri V, Celli BR. Correlations between dyspnea, diaphragm and sternomastoid recruitment during inspiratory resistance breathing in normal subjects. Chest 1990 Aug;98(2):298–302
Bressler PB see **Stanley SK**
Bretan O, Henry MA, Cury PR. Techniques in electromanometry of the upper esophageal sphincter. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):914–6
Breteau M see **Jonville AP**
Brett EM. "It isn't epilepsy is it, doctor?" BMJ 1990 Jun 23;300(6740):1604–6 (22 ref.)
Bretthauer J see **Blackman JA**
Breumelhof R, Smout AJ, Schyns MW, Bronzwaer PW, Akkermans LM, Jansen A. Prospective evaluation of the effects of Nissen fundoplication on gastroesophageal reflux. Surg Gynecol Obstet 1990 Aug;171(2):115–9
Brevard SB, Smith VC. Presumed Kawasaki disease resulting in multiple coronary artery aneurysms in an adult. Ann Thorac Surg 1990 Aug;50(2):291–2; discussion 293
Brewerton TD see **Demitrack MA**
Brey RL, Hart RG, Sherman DG, Tegeler CH. Antiphospholipid antibodies and cerebral ischemia in young people. Neurology 1990 Aug;40(8):1190–6
Breza J see **Aboseif SR**
Briançon C, Halpern S, Telenczak P, Fragu P. Changes in 127I mice thyroid follicle studied by analytical ion microscopy: a key for the comprehension of amiodarone-induced thyroid diseases. Endocrinology 1990 Sep;127(3):1502–9
Brickner ME see **Taylor AL**
Briddell RA, Hoffman R. Cytokine regulation of the human burst-forming unit-megakaryocyte. Blood 1990 Aug 1; 76(3):516–22
Brideau C see **Métroz-Dayer MD**
Brideau LP see **Franklin PD**
Bridges W see **Deitch EA**
Brief DK see **Eisenbud DE**
Brien WW, Salvati EA, Healey JH, Bansal M, Ghelman B, Betts F. Osteogenic sarcoma arising in the area of a total hip replacement. A case report. J Bone Joint Surg [Am] 1990 Aug;72(7):1097–9
Brigandi A see **Lucifora G**
Briggs DD Jr see **Rogers RM**
Brigham BA see **Caplan GA**
Brigham KL. Government support for lung research. Am Rev Respir Dis 1990 Aug;142(2):271–3
Brignola C see **Gionchetti P**
Brimioulle S see **Lejeune P**
Brin M see **Greene P**
Brindle RJ see **Gilks CF**
Brinker J see **Calkins H**
Brinker MR, Lippton HL, Cook SD, Hyman AL. Pharmacological regulation of the circulation of bone. J Bone Joint Surg [Am] 1990 Aug;72(7):964–75
Brinster RL see **Behringer RR**
Brion M see **Leroy O**
Brioschi D see **Fedele L**
Brismar J, Jacobsson B. Definition of terms used to judge the efficacy of diagnostic tests: a graphic approach. AJR Am J Roentgenol 1990 Sep;155(3):621–3
Brismar T see **Counter SA**
Bristow MR. The surgically denervated, transplanted human heart [comment] Circulation 1990 Aug;82(2):658–60. Comment on: Circulation 1990 Aug;82(2):620–3.
Bristow MR, Hershberger RE, Port JD, Gilbert EM, Sandoval A, Rasmussen R, Cates AE, Feldman AM. Beta-adrenergic pathways in nonfailing and failing human ventricular myocardium. Circulation 1990 Aug;82(2 Suppl):I12–25 (106 ref.)
Britland ST, Young RJ, Sharma AK, Clarke BF. Relationship of endoneurial capillary abnormalities to type and severity of diabetic polyneuropathy. Diabetes 1990 Aug; 39(8):909–13
Britland ST, Young RJ, Sharma AK, Clarke BF. Association of painful and painless diabetic polyneuropathy with different patterns of nerve fiber degeneration and regeneration. Diabetes 1990 Aug;39(8):898–908
Brito CG see **Mitchell ME**
Britton DC see **Gotley DC**
Britton PD see **Coulden RA**
Bro F. Single-dose 500-mg clotrimazole vaginal tablets compared with placebo in the treatment of Candida vaginitis. J Fam Pract 1990 Aug;31(2):148–52
Brock D see **Annas GJ**
Brockmann G see **Margioris AN**
Brod RD, Saul RF. Nodular posterior scleritis. Arch Ophthalmol 1990 Aug;108(8):1170–1
Broder S see **Pluda JM**
Broder S see **Yarchoan R**
Brodersen R see **Guentert TW**
Broderson JR see **Iseki M**
Brodie MJ. Status epilepticus in adults. Lancet 1990 Sep 1; 336(8714):551–2
Brodie MJ. Management of epilepsy during pregnancy and lactation. Lancet 1990 Aug 18;336(8712):426–7
Brodie MJ, Porter RJ. New and potential anticonvulsants. Lancet 1990 Aug 18;336(8712):425–6 (25 ref.)
Brodie MJ see **Worsley MH**
Brodin O see **Gronowitz JS**
Brody DJ see **Pérez-Stable EJ**
Brody H see **Tomlinson T**
Brofman PR see **Ferreira MJ**
Brombacher P see **Thijs C**
Bromberg PA see **Sheps DS**
Bronk JT see **Meadows TH**
Bronsky EA see **Meltzer EO**
Bronson EK see **Lynch HT**
Bronspiegel-Weintrob N, Olivieri NF, Tyler B, Andrews DF, Freedman MH, Holland FJ. Effect of age at the start of iron chelation therapy on gonadal function in beta-thalassemia major. N Engl J Med 1990 Sep 13; 323(11):713–9
Bronte V see **Zanovello P**
Bronzwaer PW see **Breumelhof R**
Brookes M see **Brueton RN**
Brooks CM see **Bailey WC**
Brooks CM see **Kushner RF**
Brooks D see **Collier P**
Brooks G see **Falcone PA**
Brooks GF see **Apicella MA**
Brooks HL Jr see **Hanna SL**
Brooks LA see **Quillen JE**
Brooks R, Joynson DH. ACP Broadsheet no 125: July 1990. Bacteriological diagnosis of diphtheria. J Clin Pathol 1990 Jul;43(7):576–80
Broome CV see **Johnson SE**
Broome CV see **Moore PS**
Broome CV see **Schuchat A**
Brophy MH. Zinc, preeclampsia, and gamma-aminobutyric acid [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):242–3
Brose WG see **Owen H**
Brosman SA, Lamm DL. The preparation, handling and use of intravesical bacillus Calmette-Guerin for the management of stage Ta, T1, carcinoma in situ and transitional cell cancer. J Urol 1990 Aug;144(2 Pt 1):313–5
Broste SK see **Reinhart RA**
Broström LA see **Kronberg M**
Brotman DN see **Flanchaum L**
Brotschi EA, Pattavino J, Williams LF Jr. Intrinsic nerves affect gallbladder contraction in the guinea pig. Gastroenterology 1990 Sep;99(3):826–30
Brougham DI, Broughton NS, Cole WG, Menelaus MB. Avascular necrosis following closed reduction of congenital dislocation of the hip. Review of influencing factors and long-term follow-up. J Bone Joint Surg [Br] 1990 Jul;72(4):557–62
Broughton NS see **Brougham DI**
Brouillette RT, Weese-Mayer DE, Hunt CE. Breathing control disorders in infants and children. Hosp Pract [Off] 1990 Aug 15;25(8):82–5, 88, 93–6 passim
Brouwers P see **Yarchoan R**
Brower AC, Kransdorf MJ. Imaging of hip disorders. Radiol Clin North Am 1990 Sep;28(5):955–74 (42 ref.)
Brown CR see **Whitlock WL**
Brown DL see **Newby MJ**
Brown EM, Fuleihan G el-H, Chen CJ, Kifor O. A comparison of the effects of divalent and trivalent cations on parathyroid hormone release, 3',5'-cyclic-adenosine monophosphate accumulation, and the levels of inositol phosphates in bovine parathyroid cells. Endocrinology 1990 Sep;127(3):1064–71
Brown EM see **Grant FD**
Brown G see **Ellicott A**
Brown HH see **Rice CD**
Brown J see **Bruno P**
Brown J, King A, Prothro D. Anticoagulation and prosthetic heart valves [letter] N Engl J Med 1990 Sep 13; 323(11):756–7
Brown JM see **Anderson BO**
Brown JM, Harken AH, Sharefkin JB. Recombinant DNA and surgery. Ann Surg 1990 Aug;212(2):178–86 (46 ref.)
Brown K, Aberle DR, Batra P, Steckel RJ. Current use of imaging in the evaluation of primary mediastinal masses. Chest 1990 Aug;98(2):466–73 (32 ref.)
Brown L see **Vohr BR**
Brown LS see **Lee HH**
Brown M see **Eichhorn EJ**
Brown MA see **Salmon P**
Brown MC see **Ginns LC**
Brown ML see **Clements IP**
Brown ML see **Telenti A**
Brown MR see **Crum RL**
Brown OM. High blood alcohol levels in women [letter] N Engl J Med 1990 Aug 23;323(8):533
Brown P see **Goldfarb LG**
Brown PM see **Birchard JD**
Brown PT see **Kissin I**
Brown RA, Herzig RH, Wolff SN, Frei-Lahr D, Pineiro L, Bolwell BJ, Lowder JN, Harden EA, Hande KR, Herzig GP. High-dose etoposide and cyclophosphamide without bone marrow transplantation for resistant hematologic malignancy. Blood 1990 Aug 1;76(3):473–9
Brown RP see **Jones JS**
Brown S see **Irwin M**
Brown SE, Segar DS, Weinberg BA, Bourdillon PD, Dillon JC. Transcatheter aspiration of intracoronary thrombus after myocardial infarction. Am Heart J 1990 Sep; 120(3):688–90
Brown TR see **Gearhart JP**
Brown WE Jr see **Tullous MW**
Browne K, Murray R. Asbestos and the Romans [letter] Lancet 1990 Aug 18;336(8712):445
Browne W see **Meade TW**
Browner WS see **Newman TB**
Browning GG. The British experience of an implantable, subcutaneous bone conduction hearing aid (Xomed Audiant). J Laryngol Otol 1990 Jul;104(7):534–8
Browning GG see **Nunez DA**
Browning J see **Stirrat GM**
Browning MJ, Huang AS, Reiss CS. Cytolytic T lymphocytes from the BALB/c-H-2dm2 mouse recognize the vesicular stomatitis virus glycoprotein and are restricted by class II MHC antigens. J Immunol 1990 Aug 1;145(3):985–94
Browning WN. Exacerbation of symptoms of multiple sclerosis in a patient taking fluoxetine [letter] Am J Psychiatry 1990 Aug;147(8):1089
Bruant A see **Teculescu DB**

Bruchovsky N see **Jones EC**
Bruck R, Krepel Z, Bar-Meir S. Cimetidine and omeprazole have different effects on hepatic extraction of lidocaine in rats. Gastroenterology 1990 Sep;99(3):857-9
Brucker BS see **Klose KJ**
Bruckner JD see **Barrack RL**
Brueton RN, Brookes M, Heatley FW. The vascular repair of an experimental osteotomy held in an external fixator. Clin Orthop 1990 Aug;(257):286-304
Brugada P see **Cruz FE**
Brugada P see **Wellens HJ**
Brugada P see **Willems AR**
Brugières P see **Djindjian M**
Bruining HA see **Vermeij CG**
Bruinse HW see **Houwert-de Jong MH**
Brumback RJ see **Burgess AR**
Brumback RJ, Wells JD, Lakatos R, Poka A, Bathon GH, Burgess AR. Heterotopic ossification about the hip after intramedullary nailing for fractures of the femur. J Bone Joint Surg [Am] 1990 Aug;72(7):1067-73
Brummel MC see **Steginh LD**
Brummett RR Jr see **Epstein RH**
Brundage BH see **Georgiou D**
Brunell PA. Measles one more time. Pediatrics 1990 Sep; 86(3):474-8
Brunet C see **Labrune P**
Brunette ER see **Montgomery AB**
Bruni B see **Tantucci C**
Brunner HR. The renin-angiotensin system in hypertension: an update. Hosp Pract [Off] 1990 Aug 15;25(8):71-81 (7 ref.)
Bruno P, Hassell LH, Quan J, Brown J. Hemorrhagic fever with renal syndrome imported to Hawaii from West Germany. Am J Med 1990 Aug;89(2):232-4
Bruno P, Hassell LH, Brown J, Tanner W, Lau A. The protean manifestations of hemorrhagic fever with renal syndrome. A retrospective review of 26 cases from Korea. Ann Intern Med 1990 Sep 1;113(5):385-91
Brunskill AJ. Confounders are always a problem [letter] Pediatrics 1990 Sep;86(3):490-1
Brunt PW see **Crofton RW**
Brus-Weijer L see **Mattie H**
Bruschi F, Tassi C, Pozio E. Parasite-specific antibody response in Trichinella sp. 3 human infection: a one year follow-up. Am J Trop Med Hyg 1990 Aug;43(2):186-93
Bruskewitz R see **Malenka DJ**
Bruskewitz RC see **Christensen MM**
Brüssow H, Sidoti J, Barclay D, Sotek J, Dirren H, Freire WB. Prevalence and serotype specificity of rotavirus antibodies in different age groups of Ecuadorian infants. J Infect Dis 1990 Sep;162(3):615-20
Brust JC see **Levine SR**
Bryan AJ, Angelini GD. Postoperative drainage and pericardial effusion [letter] Ann Thorac Surg 1990 Aug; 50(2):330
Bryan AJ, Kendall SW, Large SR, Wallwork J. Coronary artery bypass surgery [letter] BMJ 1990 Jun 16; 300(6739):1588
Bryan RL see **Benfield GF**
Bryant BJ see **Cikrit DF**
Brynskov J, Thomsen H, Nielsen SL. Renographic monitoring of renal function in patients with Crohn's disease treated with low dose cyclosporin: a controlled study. BMJ 1990 Jun 2;300(6737):1438-9
Bubrick MP see **Ney AL**
Buchan AM, Curtis SB, Meloche RM. Release of somatostatin immunoreactivity from human antral D cells in culture. Gastroenterology 1990 Sep;99(3):690-6
Buchan PC see **Barrett JF**
Buchanan A see **Annas GJ**
Buchanan GR see **Jonsson OG**
Buchanan RW see **Carpenter WT Jr**
Buchanan TA see **Kjos SL**
Buchele BJ see **Ganzarain R**
Bucher A see **Flamm J**
Buchman TG, Rossier M, Merz WG, Charache P. Detection of surgical pathogens by in vitro DNA amplification. Part I. Rapid identification of Candida albicans by in vitro amplification of a fungus-specific gene. Surgery 1990 Aug; 108(2):338-46; discussion 346-7
Büchner T see **Ganser A**
Buchwald J see **Dämmrich J**
Buckberg GD. Oxygenated cardioplegia: blood is a many splendored thing [comment] Ann Thorac Surg 1990 Aug; 50(2):175-7. Comment on: Ann Thorac Surg 1990 Aug;50(2):230-7.
Buckee C, Morgan K, Ayad S, Collins I, Clague RB, Holt PJ. Diversity of antibodies to type II collagen in patients with rheumatoid arthritis: detection by binding to alpha-chains and to cyanogen bromide peptides. Br J Rheumatol 1990 Aug;29(4):254-8
Buckelew SP see **Uveges JM**
Buckle BG see **Onadim ZO**
Buckley PA see **Whittaker JS**
Buckley SA. Survey of patients taking topical medication at their first presentation to eye casualty. BMJ 1990 Jun 9; 300(6738):1497-8
Buckley SL see **Barrack RL**
Buckner CD see **Sullivan KM**
Buckwalter J see **McLain R**
Budillon G see **Pignata C**
Budinger TF see **Valk PE**
Budisavljevic M, Ronco PM, Verroust PJ. Angiotensin II (AII)-related idiotypic network. III. Comparative analysis of idiotopes and paratopes borne by monoclonal antibodies raised against AII (AB1) and its internal image (AB3). J Immunol 1990 Sep 1;145(5):1440-9
Buehler JW, Devine OJ, Berkelman RL, Chevarley FM. Impact of the human immunodeficiency virus epidemic on mortality trends in young men, United States. Am J Public Health 1990 Sep;80(9):1080-6
Bueno JP see **Giannini MJ**
Bueno L see **Junien JL**
Bueno RR see **Ferreira MJ**
Buescher L see **Clark DP**
Buetow PC, Smirniotopoulos JG, Done S. Congenital brain tumors: a review of 45 cases. AJR Am J Roentgenol 1990 Sep;155(3):587-93
Buges J see **Rodriguez E**
Buhner D. Diagnosis by fiat [letter] Hosp Pract [Off] 1990 Aug 15;25(8):17
Bührer C see **Oez S**
Bui K see **Lipka JJ**
Bui S see **Kimball BP**
Buick RG see **Parashar K**
Buist AS see **Vollmer WM**
Buja LM see **Yao SK**
Bukachevsky RP see **Pincus RL**
Bull MJ see **Ernst JA**
Bull MJ see **Jackson JM**
Bull TR see **Hoare TJ**
Bullaboy CA, Coulson JD, Jennings RB Jr, Johnson DH. Neonatal mitral valve endocarditis: diagnosis and successful management. Clin Pediatr (Phila) 1990 Jul;29(7):398-400
Bullock R, Teasdale G. ABC of major trauma. Head injuries—I. BMJ 1990 Jun 9;300(6738):1515-8 (0 ref.)
Bullock R, Teasdale G. ABC of major trauma. Head injuries—II. BMJ 1990 Jun 16;300(6739):1576-9 (0 ref.)
Bulman AS see **Skene AI**
Bunch TD see **Panter KE**
Buncke GM see **Whitney TM**
Buncke HJ see **Whitney TM**
Bunnell P see **Schreiber TL**
Bunt TJ, Malone JM, Moody M, Davidson J, Karpman R. Frequency of vascular injury with blunt trauma-induced extremity injury. Am J Surg 1990 Aug;160(2):226-8
Burbach P see **Mittler RS**
Burbige KA see **Ring KS**
Burch EA Jr see **Anton RF Jr**
Burchard K see **Simms HH**
Burckart GJ see **Dowling RD**
Burckhardt J see **Perrin LH**
Burckhardt JJ, Friedli H, Gardi A, Heiniger HJ. Alanine aminotransferase screening and hepatitis C virus antibody [letter] Lancet 1990 Aug 18;336(8712):447-8
Buresh C see **Salomon GD**
Burford-Mason A, Dardick I, van Nostrand P. Salivary gland neoplasms—stem cell histogenesis? [letter] J Laryngol Otol 1990 Jun;104(6):521-3
Burgan S see **Clavien PA**
Burge DM see **Roberts JP**
Burger HG see **Wang QF**
Burger JM see **Hinshaw DB**
Burger L see **Vlay SC**
Burger PC see **Carson SC**
Burger PC see **Heinz ER**
Burgers JK see **Oesterling JE**
Burgert EO Jr see **Cangir A**
Burgess AR see **Brumback RJ**
Burgess AR, Eastridge BJ, Young JW, Ellison TS, Ellison PS Jr, Poka A, Bathon GH, Brumback RJ. Pelvic ring disruptions: effective classification system and treatment protocols. J Trauma 1990 Jul;30(7):848-56
Burgess EH see **Morris JN**
Burgess RW see **Armstrong PJ**
Burgess WH see **Antusch D**
Burggasser G see **Freilinger G**
Burghuber OC see **Schurawitzki H**
Burhenne HJ see **Becker CD**
Burk CD, Restaino I, Kaplan BS, Meadows AT. Ifosfamide-induced renal tubular dysfunction and rickets in children with Wilms tumor. J Pediatr 1990 Aug;117(2 Pt 1):331-5
Burke AB, Hur D, Bolan JC, Corso P, Resano FG. Sinusoidal fetal heart rate pattern during cardiopulmonary bypass. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):17-8
Burke AM see **Rafferty C**
Burke AP, Sobin LH, Shekitka KM. Mesenteric fibromatosis. A follow-up study. Arch Pathol Lab Med 1990 Aug; 114(8):832-5
Burke BJ see **Parker SH**
Burke GL see **Lilienfeld DE**
Burke JA see **Levine MJ**
Burke M. HCFA tries new strategy to recoup Medicare payments. Hospitals 1990 Aug 20;64(16):52, 54
Burke M. Disproportionate-share payment sparks policy debate. Hospitals 1990 Aug 20;64(16):33-4, 36
Burke M see **Williams AP**
Burkett G, Bandstra ES, Cohen J, Steele B, Palow D. Cocaine-related maternal death. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):40-1
Burkholder JA see **Fogoros RN**
(Burkitt D), Bendiner E. A missionary, heart and soul. Hosp Pract [Off] 1990 Jul 15;25(7):166-72, 175-6, 179-80 passim
Burks RT, Schwartz AM, Wheeler JE, Antonioli D. Late recurrence of clear-cell adenocarcinoma of the cervix: case report. Obstet Gynecol 1990 Sep;76(3 Pt 2):525-7
Burleson DG see **Waymack JP**
Burlet F see **Melki J**
Burlew BP, Cook EW Jr, Thiele JS. Asymptomatic pulmonary cyst in a college student. Chest 1990 Aug; 98(2):455-7
Burman LG see **Ferry S**
Burmeister LF see **Zlatnik FJ**
Burmeister R see **Pierart J**
Burn R see **Sostman HD**
Burnand KG see **Wells AD**
Burnett TL see **Ray R**
Burney DP see **Blue JM**
Burney RE see **Rhee KJ**
Burns BA see **Steinhoff MC**
Burns DN, Rohatgi PK, Rosenthal R, Seiler M, Gordin FM. Disseminated Mycobacterium fortuitum successfully treated with combination therapy including ciprofloxacin. Am Rev Respir Dis 1990 Aug;142(2):468-70
Burns JE see **Kaulitz R**
Burns JW see **Matson DO**
Burns TR see **Klima M**
Burns WH, Sandford GR. Susceptibility of human herpesvirus 6 to antivirals in vitro. J Infect Dis 1990 Sep;162(3):634-7
Burnstock G see **Milner P**
Burr J see **Pitchenik AE**
Burrichter H see **Katay I**
Burroughs AK see **Blake JC**
Burrous J see **Hoke CH Jr**
Burrow GH. Thyroid status in normal pregnancy [editorial] J Clin Endocrinol Metab 1990 Aug;71(2):274-5 (8 ref.)
Burstein PJ see **Hooper PL**
Burtis WJ see **Gaich G**
Burton RI. Credentialing for international fellowships. Clin Orthop 1990 Aug;(257):61-3
Burton RJ Jr see **Worth ER**
Busby WH see **Bar RS**
Busby WH Jr see **Clemmons DR**
Buschman DL, Waldron JA Jr, King TE Jr. Churg-Strauss pulmonary vasculitis. High-resolution computed tomography scanning and pathologic findings. Am Rev Respir Dis 1990 Aug;142(2):458-61
Buse MG see **Crowell PL**
Bush A, Busst CM, Knight WB, Hislop AA, Haworth SG, Shinebourne EA. Changes in pulmonary circulation in severe bronchopulmonary dysplasia. Arch Dis Child 1990 Jul;65(7):739-45
Bush M see **Doi S**
Bush RK see **Schroeckenstein DC**
Bushhouse SA see **French LR**
Bussell JB see **Bharati S**
Busst CM see **Bush A**
Busuttil R see **Khoury GF**
Butcher BT see **deShazo RD**
Butcher RB 3d see **Guarisco JL**
Butler B see **Prazma J**
Butler CK see **Ali IM**
Butler RN. Physician-assisted suicide: the wrong way to go [editorial] Geriatrics 1990 Aug;45(8):13-4
Butler WJ see **Odom LD**
Butler WT, Ruma SJ. China's quest for management of academic medicine. Acad Med 1990 Aug;65(8):497-501
Bütler-Brunner E see **Perrin LH**
Buts JP see **Sokal EM**
Butt AN see **Ross PE**
Butte NF see **Garza C**
Butterfield A see **Nauta RJ**
Butters N see **Salmon DP**
Buttolph L see **Jenike MA**
Buurman WA see **Greve JW**
Buurman WA see **Silva AT**
Buys SS see **Craven CM**
Buzzi R see **Matucci-Cerinic M**
Byank RP see **Clarke HJ**
Byars NE see **Campbell MJ**
Byatt JC, Welply JK, Leimgruber RM, Collier RJ. Characterization of glycosylated bovine placental lactogen and the effect of enzymatic deglycosylation on receptor binding and biological activity. Endocrinology 1990 Sep; 127(3):1041-9
Byers RM see **Weber RS**
Bylander JE, Sens DA. Elicitation of sorbitol accumulation in cultured human proximal tubule cells by elevated glucose concentrations. Diabetes 1990 Aug;39(8):949-54
Byrd GL see **Anema MG**
Byrne AJ see **Coad NR**
Byrne MN, Sessions DG. Nasopharyngeal craniopharyngioma. Case report and literature review. Ann Otol Rhinol Laryngol 1990 Aug;99(8):633-9 (34 ref.)
Byrnes TJ see **Hebert CA**
Byyny RL see **Thompson TL 2d**

C

Cabanela ME see **Murphy KP**
Cabezas JA see **Sánchez-Yagüe J**
Cabin HS see **Lasala JM**
Cabral MM see **Queiroz DM**
Cabrera P see **Carrillo T**

Cabrera P see **Khalfallah Y**
Cabrol D, Dubois C, Cronje H, Gonnet JM, Guillot M, Maria B, Moodley J, Oury JF, Thoulon JM, Treisser A, et al. Induction of labor with mifepristone (RU 486) in intrauterine fetal death. Am J Obstet Gynecol 1990 Aug; 163(2):540–2
Cacciatore R see **Pitchenik AE**
Caceres MJ see **Cantwell GP**
Cachera JP see **Deleuze P**
Cachera JP see **Dussaule JC**
Cadrobbi P see **Bortolotti F**
Caferro M see **Aceti A**
Caffrey C, Hitman GA, Niven MJ, Cassell PG, Kumar P, Fry L, Mackintosh P, Gallagher R, Feighery C, Weir D, et al. HLA-DP and coeliac disease: family and population studies. Gut 1990 Jun;31(6):663–7
Cagnoni M see **Matucci-Cerinic M**
Cahalin LP, Blessey RL. Maximal exercise testing safety [letter] Circulation 1990 Aug;82(2):661
Cahill PD see **Woolson ST**
Cailleux N see **Levesque H**
Cain JM see **Greer BE**
Caine M. Alpha-adrenergic blockers for the treatment of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug;17(3):641–9 (54 ref.)
Cainelli T see **Naldi L**
Caione P, De Gennaro M, Capozza N, Zaccara A, Appetito C, Lais A, Gallucci M, di Silverio F. Endoscopic manipulation of ureteral calculi in children by rigid operative ureterorenoscopy. J Urol 1990 Aug;144(2 Pt 2):484–5; discussion 492–3
Cairns J see **Tabor E**
Calabrese LH see **Arend WP**
Calabrese LH, Michel BA, Bloch DA, Arend WP, Edworthy SM, Fauci AS, Fries JF, Hunder GG, Leavitt RY, Lie JT, et al. The American College of Rheumatology 1990 criteria for the classification of hypersensitivity vasculitis. Arthritis Rheum 1990 Aug;33(8):1108–13
Calabrese LH see **Bloch DA**
Calabrese LH see **Fries JF**
Calabrese LH see **Hunder GG**
Calabrese LH see **Leavitt RY**
Calabrese LH see **Lightfoot RW Jr**
Calabrese LH see **Masi AT**
Calabrese LH see **Mills JA**
Calabrò S see **Lucifora G**
Calais G, Reynaud-Bougnoux A, Garand G, Beutter P, Le Floch O. Oropharynx carcinoma: irradiation alone versus induction chemotherapy plus irradiation—5 year results. Br J Radiol 1990 May;63(749):340–5
Calder CJ, Kirby RL. Fatal wheelchair-related accidents in the United States. Am J Phys Med Rehabil 1990 Aug; 69(4):184–90
Calder I. Primary survey in major trauma [letter] BMJ 1990 Jun 23;300(6740):1652
Calder I see **Crockard HA**
Calder PC see **Goodwin GM**
Calder PC see **Parry-Billings M**
Calder RA see **Polkowski J**
Calder SA see **Ebmeier KP**
Caldwell C see **Irwin M**
Caldwell DR see **Weinreb RN**
Caldwell JR see **Panush RB**
Cales P see **Poynard T**
Calhoun JH see **Zubcov AA**
Calhoun KH, Martinez SA, Stevens MH, Hokanson JA, Bailey BJ. The resident selection process in otolaryngology-head and neck surgery. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1041–3
Califf RM see **Honan MB**
Califf RM see **O'Connor CM**
Califf RM see **Williams DO**
Caliguiri L see **Skoner DP**
Calin A see **Will RK**
Calkins H, Brinker J, Veltri EP, Guarnieri T, Levine JH. Clinical interactions between pacemakers and automatic implantable cardioverter-defibrillators. J Am Coll Cardiol 1990 Sep;16(3):666–73
Calkins JH see **Guo H**
Call TL see **Eyman RK**
Callaghan JJ see **Maloney WJ**
Callan RJ see **Panter KE**
Calleja F see **Eguaras MG**
Callery MP see **Kamei T**
Calligaro KD, Savarese RP, McCombs PR, DeLaurentis DA. Division of the left renal vein during aortic surgery. Am J Surg 1990 Aug;160(2):192–6
Calne D see **Snow BJ**
Calne RY see **Bird GL**
Caltabiano A see **Barroso FL**
Calubaquib C see **Watt G**
Calva JJ see **López-Vidal Y**
Calvo M see **Gavilán J**
Calzà L see **Petraglia F**
Calzia R see **Bortolotti F**
Cama V see **Gonzalez AE**
Camacho-Hubner C see **Davenport ML**
CamachoZ see **Thomson WA**
Camanni F see **Ghigo E**
Camargo CA Jr, Mychaliska GB, Gamsu G. A young man with recurrent pulmonary infections. Infected intralobar bronchopulmonary sequestration. West J Med 1990 Jul; 153(1):89–90
Camaschella C see **Maina A**
Cambria RA see **Anderson RJ**
Camerini E see **Olivieri I**
Cameron D, Clay M, Silverman M. Evaluation of nebulizers for use in neonatal ventilator circuits. Crit Care Med 1990 Aug;18(8):866–70
Cameron IT see **Eddie LW**
Cameron JL see **Klein AS**
Caminear DS see **Fried MP**
Camp MG see **Philp JR**
Campbell DB, Waldhausen JA. "Conservative" aortic valve intervention: thwarted again! [editorial; comment] J Am Coll Cardiol 1990 Sep;16(3):631–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):623–30.
Campbell DN, Clark DR. Use of the allograft aortic valved conduit. Ann Thorac Surg 1990 Aug;50(2):320–2
Campbell GH see **Fontenille D**
Campbell IT see **Regan CJ**
Campbell MJ, Esserman L, Byars NE, Allison AC, Levy R. Idiotype vaccination against murine B cell lymphoma. Humoral and cellular requirements for the full expression of antitumor immunity. J Immunol 1990 Aug 1; 145(3):1029–36
Campbell MJ see **Stone MH**
Campbell NN. Respiratory tract infection and anaesthesia. Haemophilus influenzae pneumonia that developed under anaesthesia. Anaesthesia 1990 Jul;45(7):561–2
Campbell RJ see **Kalina PH**
Campbell RW see **Day CP**
Campbell S see **Aristidou A**
Campbell S see **Economides DL**
Campieri M see **Gionchetti P**
Campling EA, Devlin HB, Lum JN. Gynaecology and the National Confidential Enquiry into Perioperative Deaths [editorial] Br J Obstet Gynaecol 1990 Jun;97(6):466–7
Campos A see **Jacobs MB**
Cancedda R see **Romagnoli G**
Candela RJ see **O'Connor CM**
Candell J see **Tornos MP**
Candinas R see **Podrid PJ**
Candore G see **Caruso C**
Canepa-Anson R see **Moe GW**
Cangemi JR see **Van Woert JH**
Cangir A, Vietti TJ, Gehan EA, Burgert EO Jr, Thomas P, Tefft M, Nesbit ME, Kissane J, Pritchard D. Ewing's sarcoma metastatic at diagnosis. Results and comparisons of two intergroup Ewing's sarcoma studies. Cancer 1990 Sep 1;66(5):887–93
Cannistra SA see **Kanakura Y**
Cannon RO 3d. Chest pain with normal coronary angiograms: is the heart innocent or guilty? [comment] J Am Coll Cardiol 1990 Sep;16(3):596–8. Comment on: J Am Coll Cardiol 1990 Sep;16(3):586–95.
Canny G see **Reisman J**
Cantó-Armengod A. Macroscopic characteristics of pleural metastases arising from the breast and observed by diagnostic thoracoscopy. Am Rev Respir Dis 1990 Sep; 142(3):616–8
Cantor JO, Keller S, Cerreta JM, Manahan J, Evans HE, Turino GM. The effect of 60% oxygen on air-space enlargement and cross-linked elastin synthesis in hamsters with elastase-induced emphysema. Am Rev Respir Dis 1990 Sep;142(3):668–73
Cantu RC see **Cunningham LN**
Cantwell BM see **Richardson P**
Cantwell GP, Holzman BH, Caceres MJ. Percutaneous catheterization of the axillary artery in the pediatric patient. Crit Care Med 1990 Aug;18(8):880–1
Capell HA see **Palit J**
Capelle L see **Pierre-Kahn A**
Capelli M see **Venturoli S**
Caper P see **Robbins A**
Caperton EM, Heim-Duthoy KL, Matzke GR, Peterson PK, Johnson RC. Ceftriaxone therapy of chronic inflammatory arthritis. A double-blind placebo controlled trial. Arch Intern Med 1990 Aug;150(8):1677–82
Capewell S, Reynolds S, Shuttleworth D, Edwards C, Finlay AY. Purpura and dermal thinning associated with high dose inhaled corticosteroids. BMJ 1990 Jun 16; 300(6739):1548–51
Capitanio MA see **Taybi H**
Caplan A see **Annas GJ**
Caplan GA, Brigham BA. Marijuana smoking and carcinoma of the tongue. Is there an association? Cancer 1990 Sep 1;66(5):1005–6 (15 ref.)
Caplan LR see **Kaplan RF**
Caplan RA see **Kroll DA**
Caplan RH, Beguin EA. Hypercalcemia in a calcitriol-treated hypoparathyroid woman during lactation. Obstet Gynecol 1990 Sep;76(3 Pt 2):485–9
Capote F see **Pachon J**
Capozza N see **Caione P**
Capp MP. 1990 ARRS gold medals. AJR Am J Roentgenol 1990 Sep;155(3):638–40
Capp MP. Subspecialization in radiology [AJR Am J Roentgenol 1990 Sep;155(3):451–4
Cappelen-Smith J see **Johnson TE**
Cappuccio FP, Singer DR, MacGregor GA. The effects of thiazides plus calcium channel blockers [letter] JAMA 1990 Aug 22–29;264(8):971–3
Cara JF, Fan J, Azzarello J, Rosenfield RL. Insulin-like growth factor-I enhances luteinizing hormone binding to rat ovarian theca-interstitial cells. J Clin Invest 1990 Aug; 86(2):560–5
Caraty A see **Moenter SM**
Carbone A see **Barzan L**
Carbone A see **Maio M**
Cardea JA see **Blumberg KD**
Cardenas L, Carrera AC, Yague E, Pulido R, Sánchez-Madrid F, de Landázuri MO. Phosphorylation-dephosphorylation of the CD6 glycoprotein renders two isoforms of 130 and 105 kilodaltons. Effect of serum and protein kinase C activators. J Immunol 1990 Sep 1;145(5):1450–5
Cardon-Cardo C see **Staiano-Coico L**
Cardozo L. Detrusor instability—current management. Br J Obstet Gynaecol 1990 Jun;97(6):463–6 (15 ref.)
Cardozo LD see **Tapp AJ**
Cardu G see **Meloni L**
Carey H see **Knapp ML**
Carey J see **Palit J**
Cariani E see **Zanetti AR**
Caritis SN. Ritodrine infusion and cardiomyopathy [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):254–6
Carlan SJ, Papenhausen P, O'Brien WF, Pietrantoni M, Chez RA, Stephens P. Effect of maternal-fetal movement on concentration of cells obtained at genetic amniocentesis. Am J Obstet Gynecol 1990 Aug;163(2):490–3
Carlan SJ, Knuppel RA, Perez J, Flasher J. Antenatal fetal diagnosis and maternal transport gastroschisis. A maternal-infant case report. Clin Pediatr (Phila) 1990 Jul; 29(7):378–81
Carlan SJ, Angel JL, Sawai SK, Vaughn V. Late diagnosis of nonconjoined monoamniotic twins using computed tomographic imaging: a case report. Obstet Gynecol 1990 Sep;76(3 Pt 2):504–6
Carli F see **Yam PC**
Carlson BA see **Pyrcz RA**
Carlson C, Duff P. Antibiotic prophylaxis for cesarean delivery: is an extended-spectrum agent necessary? Obstet Gynecol 1990 Sep;76(3 Pt 1):343–6
Carlson ME see **Gilsanz V**
Carlson RG see **Hocking MP**
Carlström K see **Stege R**
Carlyle PF, Cohn JN. Systemic and regional hemodynamic effects of alpha-adrenoceptor blockade in chronic left ventricular dysfunction in the conscious dog. Am Heart J 1990 Sep;120(3):619–24
Carmeliet P see **Bauer K**
Carmi R see **Meizner I**
Carmona Da Mota H. The taste of milk [letter] Arch Dis Child 1990 Jun;65(6):647
Carnes S see **Roberts P**
Carney MW see **Godfrey PS**
Caro JF. Effects of glyburide on carbohydrate metabolism and insulin action in the liver. Am J Med 1990 Aug 20; 89(2A):17S–25S; discussion 51S–53S (59 ref.)
Caro JF see **Dohm GL**
Carpéné C see **Saulnier-Blache JS**
Carpenter BL see **Merten DF**
Carpenter C see **Rubinstein P**
Carpenter CC see **Imam N**
Carpenter JL see **O'Brien JM**
Carpenter PC see **Young WF Jr**
Carpenter RJ Jr see **Smith LG Jr**
Carpenter TO, Imperato-McGinley J, Boulware SD, Weiss RM, Shackleton C, Griffin JE, Wilson JD. Variable expression of 5 alpha-reductase deficiency: presentation with male phenotype in a child of Greek origin. J Clin Endocrinol Metab 1990 Aug;71(2):318–22
Carpenter WT Jr, Hanlon TE, Heinrichs DW, Summerfelt AT, Kirkpatrick B, Levine J, Buchanan RW. Continuous versus targeted medication in schizophrenic outpatients: outcome results. Am J Psychiatry 1990 Sep;147(9):1138–48
Carpentier A see **Deloche A**
Carpentier A see **Jebara VA**
Carpentier JL see **Gorden DL**
Carpentiere G, Castello F, Marino S. Effect of beclomethasone dipropionate on the bronchial responsiveness to propranolol in asthmatics. Chest 1990 Aug;98(2):263–5
Carper HT see **Sullivan GW**
Carr G see **Snow BJ**
Carr JP see **Bayne O**
Carr R. Marrow aspiration from small infants [letter] Arch Dis Child 1990 Jul;65(7):813
Carr R, Davies JM. Abnormal FcRIII expression by neutrophils from very preterm neonates. Blood 1990 Aug 1;76(3):607–11
Carr-Locke D see **Donnelly PK**
Carrasco VN see **Pillsbury HC 3d**
Carrasco VN see **Prazma J**
Carrasco González L see **Parrilla Paricio P**
Carrau RL, Cintron FR, Astor F. Transcervical approaches to the prevertebral space. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1070–3 (18 ref.)
Carré G see **Scalcini M**
Carrera AC see **Cardenas L**
Carrera GF see **Wilson CR**
Carrier L. Erotomania and senile dementia [letter] Am J Psychiatry 1990 Aug;147(8):1092
Carrillo T, Rodriguez de Castro F, Cuevas M, Cabrera P. Chronic bronchitis in pigeon fanciers [letter] Chest 1990

Aug;98(2):508
Carrington BM, Hricak H, Nuruddin RN, Secaf E, Laros RK Jr, Hill EC. Müllerian duct anomalies: MR imaging evaluation. Radiology 1990 Sep;176(3):715–20
Carroccio G see **Lucifora G**
Carroll A see **Crist W**
Carroll AJ see **Pui CH**
Carroll BL see **Crowley WR**
Carroll BT see **Marquart JA**
Carson B see **Aryanpur J**
Carson CC 3d see **Fernandez JA**
Carson PJ see **Miller RG**
Carson SC, Hertzberg BS, Bowie JD, Burger PC. Value of sonography in the diagnosis of intracranial hemorrhage and periventricular leukomalacia: a postmortem study of 35 cases. AJR Am J Roentgenol 1990 Sep;155(3):595–601
Carson SD see **Abshire TC**
Carter EJ, Bradburne RM, Jhung JW, Ettensohn DB. Alveolar hemorrhage with epithelioid hemangioendothelioma. A previously unreported manifestation of a rare tumor. Am Rev Respir Dis 1990 Sep;142(3):700–1
Carter PE. Meningococcal meningitis [letter] BMJ 1990 Jun 16;300(6739):1584
Carter-Pokras O, Pirkle J, Chavez G, Gunter E. Blood lead levels of 4–11-year-old Mexican American, Puerto Rican, and Cuban children. Public Health Rep 1990 Jul–Aug; 105(4):388–93
Cartier A see **Manning PJ**
Cartun RW, Pedersen CA, Krzymowski GA, Berman MM. Immunocytochemical detection of Helicobacter pylori in formalin fixed tissue biopsy specimens [letter] J Clin Pathol 1990 Jun;43(6):518
(Cartwright GE), Williams DM. George E. Cartwright, MD (1917–1980). J Lab Clin Med 1990 Jul;116(1):133–4
Cartwright KC see **Kaufman E**
Cartwright W see **Mooney P**
Caruso C, Candore G, Modica MA. HLA-DR3 and immunoresponsiveness [letter] Lancet 1990 Aug 25; 336(8713):506–7
Carvell AL, Hart GJ. Risk behaviours for HIV infection among drug users in prison. BMJ 1990 May 26; 300(6736):1383–4
Casacchia M see **Rossi A**
Casafont F, Echevarria S, Pons Romera F. Interleukin-2 activity and serum levels of soluble interleukin-2 receptors in chronic active hepatitis B [letter] Dig Dis Sci 1990 Aug; 35(8):1045
Cascino GD, Kelly PJ, Hirschorn KA, Marsh WR, Sharbrough FW. Stereotactic resection of intra-axial cerebral lesions in partial epilepsy [see comments] Mayo Clin Proc 1990 Aug;65(8):1053–60. Comment in: Mayo Clin Proc 1990 Aug;65(8):1150–1.
Cascio CS see **Walker CD**
Casebow MP. A modified synchronous shielding technique in rotation therapy. Br J Radiol 1990 Jun;63(750):482–7
Casey C see **Ohman EM**
Casey JM see **Salazar-Grueso EF**
Casey PH, Kraemer HC, Bernbaum J, Tyson JE, Sells JC, Yogman MW, Bauer CR. Growth patterns of low birth weight preterm infants: a longitudinal analysis of a large, varied sample. J Pediatr 1990 Aug;117(2 Pt 1):298–307
Cash JD. Screening donors for hepatitis C virus antibody [letter] Lancet 1990 Aug 4;336(8710):309
Cash M see **Shivaram U**
Cashion R see **Rodriguez AR**
Cashore W see **Vohr BR**
Caskey CT see **Cournoyer D**
Casola G see **Robbins KT**
Casoli C see **Zella D**
Caspary W see **Hellstern A**
Casper RC, Offer D. Weight and dieting concerns in adolescents, fashion or symptom? Pediatrics 1990 Sep; 86(3):384–90
Caspi A see **Strasberg B**
Cassel CK see **Gramelspacher GP**
Cassel CK see **McCally M**
Cassel CK, Meier DE. Morals and moralism in the debate over euthanasia and assisted suicide. N Engl J Med 1990 Sep 13;323(11):750–2
Cassel D. New method for bone biopsy [letter] AJR Am J Roentgenol 1990 Sep;155(3):658
Cassell KJ, Gamble JM, Gerard-Martin S. A dedicated microcomputer for a superficial radiotherapy unit. Br J Radiol 1990 Jun;63(750):488–9
Cassell PF Jr see **Enzenauer RJ**
Cassell PG see **Caffrey C**
Cassidy SC, Van Hare GF, Silverman NH. The probability of detecting a subaortic ridge in children with ventricular septal defect or coarctation of the aorta. Am J Cardiol 1990 Aug 15;66(4):505–8
Cassoni A see **Ball AB**
Castaigne A see **Dussaule JC**
Casteels-Van Daele M, Wijndaele L, Hanninck K, Gillis P. Intravenous immune globulin and acute aseptic meningitis [letter] N Engl J Med 1990 Aug 30;323(9):614–5
Castellana J see **Feliciano NR**
Castellani A see **Bedogni F**
Castellani P see **Bourlière M**
Castello A see **Riccardi A**
Castello F see **Carpentiere G**
Casteran JM see **Mayer JM**
Castiglione M see **Goldhirsch A**
Castillo DN see **Agran PF**
Castillo M see **Lewis CA**
Castle D see **Howard R**
Castoldi GL see **Juliusson G**
Castro LC see **Sassoon DA**
Castro M see **Gonzalez AE**
Castro O, Saxinger C, Barnes S, Alexander S, Flagg R, Frederick W. Prevalence of antibodies to human immunodeficiency virus and to human T cell leukemia virus type I in transfused sickle cell disease patients. J Infect Dis 1990 Sep;162(3):743–5
Castro Tavares J see **Pina JP**
Catalano RA, Litoff D, Shields JA. Breast carcinoma metastatic to the uvea. JAMA 1990 Aug 22–29;264(8):1032
Cataldo NA, Nicholson M, Bihrle D. Uterine serosal trophoblastic implant after linear salpingostomy for ectopic pregnancy at laparotomy. Obstet Gynecol 1990 Sep;76(3 Pt 2):523–5
Cataliotti F see **Romagnoli G**
Catalona WJ see **Coplen DE**
Catalona WJ. Prostate cancer. Curr Probl Surg 1990 Jul; 27(7):389–461 (165 ref.)
Catane R see **Kornberg A**
Catanzaro A see **Richman PS**
Catassi C, Natalini G, Rossini M, Ratsch IM, Coppa GV, Giorgi PL. When should the celiac patient have an intestinal biopsy [letter] Arch Dis Child 1990 Jul;65(7):810–1
Cate TR see **Mostow SR**
Cates AE see **Bristow MR**
Cates W Jr see **Trussell J**
Catherwood BD see **Nanes MS**
Catrambone RJ, Pfeffer RC. Significant postoperative hemorrhage following biopsy of a prostate tumor metastatic to the mandibular condyle: report of a case. J Oral Maxillofac Surg 1990 Aug;48(8):858–61
Catstellanos A see **Furukawa T**
Cattaneo E see **Zella D**
Catterall A see **Coates CJ**
Caty MG, Coran AG, Geagen M, Thompson NW. Current diagnosis and treatment of pheochromocytoma in children. Experience with 22 consecutive tumors in 14 patients. Arch Surg 1990 Aug;125(8):978–81
Caubarrere I see **Veyssier-Belot C**
Caughey GH see **Rubinstein I**
Caumes E, Katlama C, Chapius L, Danis M, Gentilini M. Toxic reaction following treatment of typhoid fever with pefloxacin [letter] Lancet 1990 Jul 28;336(8709):252
Cavanzo FJ, Garcia CF, Botero RC. Chronic cholestasis, paucity of bile ducts, red cell aplasia, and the Stevens-Johnson syndrome. An ampicillin-associated case. Gastroenterology 1990 Sep;99(3):854–6
Cavouras D see **Gourtsoyiannis N**
Cawley MI see **Palit J**
Caygill C see **Savalgi RS**
Ceccoli S see **Rossi A**
Cederna JP, Davies BW, Farkas SA, Sonta JA, Sworniowski T. Necrotizing fasciitis of the total abdominal wall after sterilization by partial salpingectomy. Case report and review of literature. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):138–9 (18 ref.)
Cederna PS see **Levine SP**
Cefalo RC see **Thorp JM Jr**
Celestino D see **Aceti A**
Celis R see **Torres A**
Celle G see **Savarino V**
Celli BR see **Breslin EH**
Celli BR see **Martinez FJ**
Celoria G, Steingrub JS, Vickers-Lahti M, Teres D, Stein KL, Fink M, Friedmann P. Clinical assessment of hemodynamic values in two surgical intensive care units. Effects on therapy. Arch Surg 1990 Aug;125(8):1036–9
Cerezo R see **Villar J**
Cernaianu AC see **DelRossi AJ**
Cerra FB. The multiple organ failure syndrome. Hosp Pract [Off] 1990 Aug 15;25(8):169–76
Cerreta JM see **Cantor JO**
Cerri M see **DeCaterina R**
Cervello I see **Lafuente A**
Cervenka JH see **Takiyyuddin MA**
Cetrulo C see **Thomas GB**
Cha SH see **Park JH**
Chabal S see **Temkin NR**
Chabert N see **Van Putten T**
Chabot JM see **Bayne O**
Chadee K, Ndarathi C, Keller K. Binding of proteolytically-degraded human colonic mucin glycoproteins to the Gal/GalNAc adherence lectin of Entamoeba histolytica. Gut 1990 Aug;31(8):890–5
Chader GJ see **de Smet MD**
Chadwick D. Diagnosis of epilepsy. Lancet 1990 Aug 4; 336(8710):291–5 (17 ref.)
Chadwick DL. Preparation for court testimony in child abuse cases. Pediatr Clin North Am 1990 Aug;37(4):955–70 (43 ref.)
Chadwick S see **Johnson RA**
Chae JS see **Hong AS**
Chafetz R see **Strichartz GR**
Chaffee S see **Arredondo-Vega FX**
Chaglassian TA see **Ryu J**
Chakerian MU, Demarest GB, Paiz A. Burn DRGs: effects of recent changes and implications for the future. J Trauma 1990 Aug;30(8):964–71; discussion 971–3
Chalk CH, Mills KR, Jacobs JM, Donaghy M. Familial multiple symmetric lipomatosis with peripheral neuropathy. Neurology 1990 Aug;40(8):1246–50
Chalmers AG see **Larvin M**
Chambers HF, Sachdeva M, Kennedy S. Binding affinity for penicillin-binding protein 2a correlates with in vivo activity of beta-lactam antibiotics against methicillin-resistant Staphylococcus aureus. J Infect Dis 1990 Sep;162(3):705–10
Chambers TL, Frank JD. Endoscopic correction of primary vesicoureteric reflux [letter] Lancet 1990 Jul 28; 336(8709):250
Chambers TL see **Moss GD**
Champion HR see **Ochsner MG**
Chan AL, Tharratt RS, Siefkin AD, Albertson TE, Volz WG, Allen RP. Nd:YAG laser bronchoscopy. Rigid or fiberoptic mode? Chest 1990 Aug;98(2):271–5
Chan CK see **Kaulitz R**
Chan HS, Pang J. Vasculitis in tuberculous infection [letter] Chest 1990 Aug;98(2):511
Chan L see **Staels B**
Chan LS see **Larsen RA**
Chan MM see **Kumana CR**
Chan SL, Reggiardo Z, Daniel TM, Girling DJ, Mitchison DA. Serodiagnosis of tuberculosis using an ELISA with antigen 5 and a hemagglutination assay with glycolipid antigens. Results in patients with newly diagnosed pulmonary tuberculosis ranging in extent of disease from minimal to extensive. Am Rev Respir Dis 1990 Aug; 142(2):385–9
Chanal I see **Bousquet J**
Chanarin I see **Godfrey PS**
Chandhoke PS, Kogan BA, al-Dahwi A, DuBois J, Holliday MA. Monitoring renal function in children with urological abnormalities. J Urol 1990 Aug;144(2 Pt 2):601–5; discussion 606
Chandrasekaran K see **Karalis DG**
Chandrasekhar C see **Greenberg SM**
Chandrasekher YA, Fortune JE. Effects of oxytocin on steroidogenesis by bovine theca and granulosa cells. Endocrinology 1990 Aug;127(2):926–33
Chandwani S, Borkowsky W, Krasinski K, Lawrence R, Welliver R. Respiratory syncytial virus infection in human immunodeficiency virus-infected children. J Pediatr 1990 Aug;117(2 Pt 1):251–4
Chandwani S see **Leibovitz E**
Chaney RH see **Eyman RK**
Chang BK see **Smitherman MH**
Chang EB see **Semrad CE**
Chang G see **Kaufman HS**
Chang HG see **Stark AD**
Chang HW see **Bonilla E**
Chang M see **Meaglia JP**
Chang P see **Kaufman HS**
Chang PJ see **Marks MP**
Chang YC see **Nagasue N**
Channer KS see **Rogers TK**
Channin DS. A simple method for coloring digital radiographs (of bone) [letter] AJR Am J Roentgenol 1990 Sep;155(3):657–8
Chantelau E, Ma XY, Herrnberger S, Dohmen C, Trappe P, Baba T. Effect of medial arterial calcification on O2 supply to exercising diabetic feet. Diabetes 1990 Aug;39(8):938–41
Chao NJ, Blume KG. Bone marrow transplantation: what is the question? [editorial] Ann Intern Med 1990 Sep 1; 113(5):340–1
Chao YS see **Meadows TH**
Chapes SK see **Flebbe LM**
Chapius L see **Caumes E**
Chapleau MW see **Xie PL**
Chaplin DD see **Webb GC**
Chapman B see **Johnson IR**
Chapman MW. Many mountains climbed, many yet to conquer. J Bone Joint Surg [Am] 1990 Aug;72(7):959–63
Chapman P see **Kew J**
Chapman PB, Yuasa H, Houghton AN. Homophilic binding of mouse monoclonal antibodies against GD3 ganglioside. J Immunol 1990 Aug 1;145(3):891–8
Chapple CR see **Boothroyd AE**
Charache P see **Buchman TG**
Charak BS, Gupta R, Mandrekar P, Sheth NA, Banavali SD, Saikia TK, Gopal R, Dinshaw KA, Advani SH. Testicular dysfunction after cyclophosphamide-vincristine-procarbazine-prednisolone chemotherapy for advanced Hodgkin's disease. A long-term follow-up study. Cancer 1990 May 1; 65(9):1903–6
Charalambides C see **Demetriades D**
Chardon H see **Routy JP**
Charest-Boulé L see **Guan ZC**
Charles HC see **Sostman HD**
Charleson S see **Manning PJ**
Charlip WS see **Mulrow CD**
Charlton JE. Checklists and patient safety. Anaesthesia 1990 Jun;45(6):425–6 (12 ref.)
Charlton VE see **Crombleholme TM**
Charnley RM see **Stehling MK**
Charpentier C see **Labrune P**
Charpin D, Herbault H, Gevaudan MJ, Saadjian M, de Micco P, Arnaud A, Vervloet D, Charpin J. Value of ELISA using A60 antigen in the diagnosis of active pulmonary

tuberculosis. Am Rev Respir Dis 1990 Aug;142(2):380–4
Charpin D see **Lagier F**
Charpin J see **Charpin D**
Chartrand C see **Montigny M**
Chartrand SA see **LaRussa PS**
Chase C see **Teele DW**
Chase DW see **Killeen RM**
Chase GA see **Steele C**
Chasis JA see **Telen MJ**
Chastre J see **Biyoudi-Vouenze R**
Chatterjee M see **Bardeguez A**
Chatwani A, Rech S, Mollick J. Clindamycin dosage scheduling for acute pelvic infection [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):240
Chauca G see **Hyams KC**
Chaudhry A see **Naz RK**
Chaudry IH see **Ertel W**
Chavera A see **Gonzalez AE**
Chavez G see **Carter-Pokras O**
Chavkin W, Rosenfield A. A chill wind blows: Webster, obstetrics, and the health of women. Am J Obstet Gynecol 1990 Aug;163(2):450–2
Chazal M see **Warter A**
Chazenbalk GD, Nagayama Y, Kaufman KD, Rapoport B. The functional expression of recombinant human thyrotropin receptors in nonthyroidal eukaryotic cells provides evidence that homologous desensitization to thyrotropin stimulation requires a cell-specific factor. Endocrinology 1990 Sep;127(3):1240–4
Cheeseman C. Regulation and adaptation at the molecular level [editorial] Endocrinology 1990 Aug;127(2):511–2 (6 ref.)
Cheesman AD see **Phelps PD**
Chehab FF see **Embury SH**
Cheirif J see **Feinstein SB**
Chelazzi G see **Torre D**
Chen BX see **Doze VA**
Chen C, Chen ZJ. Reconstruction of the concha of the ear using a postauricular island flap. Plast Reconstr Surg 1990 Sep;86(3):569–72
Chen CJ see **Brown EM**
Chen CJ. Blackfoot disease [letter] Lancet 1990 Aug 18; 336(8712):442
Chen CK, Wilson ME. Outer membrane protein and lipopolysaccharide heterogeneity among Eikenella corrodens isolates. J Infect Dis 1990 Sep;162(3):664–71
Chen CR, Hu SW, Chen JY, Zhou YL, Mei J, Cheng TO. Percutaneous mitral valvuloplasty with a single rubber-nylon balloon (Inoue balloon): long-term results in 71 patients. Am Heart J 1990 Sep;120(3):561–8
Chen GQ see **Deng MZ**
Chen JC, Bongard F, Klein SR. A contemporary perspective on superior vena cava syndrome. Am J Surg 1990 Aug; 160(2):207–11
Chen JY see **Chen CR**
Chen LY see **Wang SY**
Chen MY, Ott DJ, Peele VN, Gelfand DW. Oropharynx in patients with cerebrovascular disease: evaluation with videofluoroscopy. Radiology 1990 Sep;176(3):641–3
Chen PP see **Robbins DL**
Chen Y, Pederson LL, Lefcoe NM. Exposure to environmental tobacco smoke (ETS) and serum thiocyanate level in infants. Arch Environ Health 1990 May-Jun;45(3):163–7
Chen YT, Scheinman JI, Park HK, Coleman RA, Roe CR. Amelioration of proximal renal tubular dysfunction in type I glycogen storage disease with dietary therapy. N Engl J Med 1990 Aug 30;323(9):590–3
Chen ZJ see **Chen C**
Chenaille PJ, Steward SA, Ashmun RA, Jackson CW. Prolonged thrombocytosis in mice after 5-fluorouracil results from failure to down-regulate megakaryocyte concentration. An experimental model that dissociates regulation of megakaryocyte size and DNA content from megakaryocyte concentration. Blood 1990 Aug 1; 76(3):508–15
Chenaille PJ see **Jackson CW**
Cheney FW see **Kroll DA**
Cheng CH see **Wong CK**
Cheng CL see **Pun WK**
Cheng HM. Inhibitory cofactor of antiphospholipid antibody in normal pregnancy sera [letter] Am J Obstet Gynecol 1990 Aug;163(2):701
Cheng J see **Coene PP**
Cheng KN see **Pacy PJ**
Cheng TO. Cardiac failure in coronary heart disease. Am Heart J 1990 Aug;120(2):396–412 (81 ref.)
Cheng TO. Living with mitral valve prolapse [letter] Am J Cardiol 1990 Aug 15;66(4):528
Cheng TO see **Chen CR**
Cheng TO. The wrist sign in Marfan syndrome [letter] Postgrad Med 1990 Aug;88(2):53, 56
Chensue SW see **Standiford TJ**
Cherchi A see **Meloni L**
Cheresh DA see **Yliinne J**
Cheriex EC see **Cruz FE**
Chernoff D see **Conte JE Jr**
Chernow B. Calcium: does it have a therapeutic role in sepsis? [editorial; comment] Crit Care Med 1990 Aug;18(8):895–6 . Comment on: Crit Care Med 1990 Aug;18(8):851–7.
Cherrie RJ. Re: Nonintubated Anderson-Hynes repair of ureteropelvic junction obstruction in 60 patients [letter] J Urol 1990 Aug;144(2 Pt 1):364
Cherrington AD see **McGuinness OP; discussion 51S-53S**
Cherry JD, Hewlett EL, Mortimer EA Jr. Protective antibodies in pertussis [letter] J Pediatr 1990 Aug;117(2 Pt 1):347–8
Cherry JD see **Mortimer EA Jr**
Cherubin C see **Eng RH**
Chesebro JH, Fuster V. Reperfusion, specific thrombin inhibition and reocclusion after thrombolysis [editorial; comment] J Am Coll Cardiol 1990 Sep;16(3):723–5. Comment on: J Am Coll Cardiol 1990 Sep;16(3):714–22.
Chesemore K see **Cummins RO**
Chesky L see **Goldstein H**
Chesney RW. Academic missions of division chiefs in pediatric departments. IV. The division chief as a developer of research programs in a pediatric division. Am J Dis Child 1990 Aug;144(8):895–7
Cheson B see **Barlogie B**
Chesta J, Debnam ES, Srai SK, Epstein O. Delayed stomach to caecum transit time in the diabetic rat. Possible role of hyperglucagonaemia. Gut 1990 Jun;31(6):660–2
Chestnut DH. Epidural analgesia and cesarean section for dystocia [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):247–9
Chetty U see **Aitken RJ**
Cheung HH see **Lau KC**
Cheung HS see **Halverson PB**
Cheung NK see **Kushner BH**
Chevalier X see **Mayer JM**
Chevarley FM see **Buehler JW**
Chew G see **Darlington DN**
Chew T see **Kumar R**
Chez RA see **Carlan SJ**
Chezmar JL see **Sugarbaker PH**
Chhablani A see **Rader JS**
Chi EY see **Jackson JC**
Chiang CP see **Tan LB**
Chida K, Tamura M, Kamikura I, Takasu T, Goto N. A quantitative evaluation of pontine volume by computed tomography in patients with cerebellar degeneration. Neurology 1990 Aug;40(8):1241–5
Chidiac P, Alexander IS. Head retraction and respiratory disorders in infancy [editorial] Arch Dis Child 1990 Jun; 65(6):567
Chikanza IC see **Corkill MM**
Childress LL see **Duffner LR**
Childs B see **Kemeny N**
Chilton CP see **Sandhu DP**
Chilvers ER, Whyte MK, Jackson JE, Allison DJ, Hughes JM. Effect of percutaneous transcatheter embolization on pulmonary function, right-to-left shunt, and arterial oxygenation in patients with pulmonary arteriovenous malformations. Am Rev Respir Dis 1990 Aug;142(2):420–5
Chin J. Current and future dimensions of the HIV/AIDS pandemic in women and children. Lancet 1990 Jul 28; 336(8709):221–4
Chin J see **Rodan SB**
Chin RC see **Goodman SB**
Chin T see **Koller W**
Chin TK, Perloff JK, Williams RG, Jue K, Mohrmann R. Isolated noncompaction of left ventricular myocardium. A study of eight cases. Circulation 1990 Aug;82(2):507–13
Ching DW, Petrie JP. Relapsing polychondritis: an unusual cause of PUO in a Maori gentleman [letter] Br J Rheumatol 1990 Aug;29(4):317–8
Chiocca EA see **Lee JK**
Chirurgi VA, Edelstein H, McCabe R. Pneumococcal bacteremia as a marker for human immunodeficiency virus infection in patients without AIDS. South Med J 1990 Aug; 83(8):895–9
Chiu J, Nussbaum J, Bozzette S, Tilles JG, Young LS, Leedom J, Heseltine PN, McCutchan JA. Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. California Collaborative Treatment Group. Ann Intern Med 1990 Sep 1;113(5):358–61
Chiu T, Cuevas D, Cuevas L, Monteiro C. Tracheal agenesis. South Med J 1990 Aug;83(8):925–30 (13 ref.)
Cho KH, Hashimoto K, Taniguchi Y, Pietruk T, Zarbo RJ, An T. Immunohistochemical study of melanocytic nevus and malignant melanoma with monoclonal antibodies against S-100 subunits. Cancer 1990 Aug 15;66(4):765–71
Choi B see **Lee JK**
Choi CH, Pritchard JR. Large cystic granulosa cell tumor: case report. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):74–6
Choi CH, Durishin M, Garbadawala ST, Richard J. Non-Hodgkin's lymphoma of the adrenal gland. Arch Pathol Lab Med 1990 Aug;114(8):883–5 (14 ref.)
Choi DW see **Weiss JH**
Choi E see **Welch TR**
Choi H, Kim KS, Kim KM. The effect of experimental varicocele on the testis of adolescent rats. J Urol 1990 Aug; 144(2 Pt 2):499–501; discussion 512–3
Chomczynski P see **Kashio Y**
Chomet J, Chomet J. Cervical screening in general practice: a "new" scenario. BMJ 1990 Jun 9;300(6738):1504–6
Chomet J see **Chomet J**
Chong FK see **Porter KA**
Chong GL, Thibodeau SN. A simple assay for the screening of the cystic fibrosis allele in carriers of the Phe508 deletion mutation. Mayo Clin Proc 1990 Aug;65(8):1072–6
Chong LP see **Dugel PU**
Chonmaitree T, Owen MJ, Howie VM. Respiratory viruses interfere with bacteriologic response to antibiotic in children with acute otitis media. J Infect Dis 1990 Aug; 162(2):546–9
Choong CY see **Abascal VM**
Choong CY see **Thomas JD**
Chopra A see **Klima M**
Chorost S see **Janerich DT**
Chou L see **Hreash F**
Chou SW. Differentiation of cytomegalovirus strains by restriction analysis of DNA sequences amplified from clinical specimens. J Infect Dis 1990 Sep;162(3):738–42
Chou SY see **Keyes PL**
Chou YH see **Tan LB**
Chow CK see **Meers PD**
Chow SP see **Pun WK**
Chowdhury MI, Koyanagi Y, Kobayashi S, Yamamoto N, Munakata T, Arai S. Mycoplasma and AIDS [letter] Lancet 1990 Jul 28;336(8709):247–8
Chowen-Breed JA see **Zeitler P**
Chremos AN see **Laties AM**
Chrétien M see **Walop W**
Christel P see **Sedel L**
Christensen DW see **Quaife EJ**
Christensen GC 3d see **Snyder RW**
Christensen M see **White D**
Christensen MM, Bruskewitz RC. Clinical manifestations of benign prostatic hyperplasia and indications for therapeutic intervention. Urol Clin North Am 1990 Aug;17(3):509–16 (54 ref.)
Christensen MM, Aagaard J, Madsen PO. Transurethral resection versus transurethral incision of the prostate. A prospective randomized study. Urol Clin North Am 1990 Aug;17(3):621–30
Christensen RE see **Panek WC**
Christenson B see **Prellner K**
Christie DL see **Tarr PI**
Christie J see **Court-Brown CM**
Christie PM, Hill GL. Effect of intravenous nutrition on nutrition and function in acute attacks of inflammatory bowel disease. Gastroenterology 1990 Sep;99(3):730–6
Christmas TJ see **Boothroyd AE**
Christoffel KK see **Unger R**
Christou NV see **Barie PS**
Chrousos GP see **Margioris AN**
Chu A see **Lee HH**
Chu CS, McManus AT, Mason AD Jr, Okerberg CV, Pruitt BA Jr. Multiple graft harvestings from deep partial-thickness scald wounds healed under the influence of weak direct current. J Trauma 1990 Aug;30(8):1044–9; discussion 1049–50
Chu FC see **Watcha MF**
Chu GS see **Lindan CP**
Chuck JM, Davidson RC, Snively S. College health services as a site for ambulatory care training of residents and medical students. Acad Med 1990 Aug;65(8):527–9
Chudoba MJ see **Corbridge TC**
Chuganji Y see **Koike H**
Chugh JC see **Ben-Musa AA**
Chui D see **Osanai T**
Chulay JD, Ockenhouse CF. Host receptors for malaria-infected erythrocytes. Am J Trop Med Hyg 1990 Aug;43(2 Pt 2):6–14 (37 ref.)
Chung HT see **Lin HJ**
Chung KC see **Sprigle SH**
Chung KF see **Nichol GM**
Chung SC see **Dewar G**
Chung SC, Leung JW, Leung FW. Effect of submucosal epinephrine injection on local gastric blood flow. A study using laser Doppler flowmetry and reflectance spectrophotometry. Dig Dis Sci 1990 Aug;35(8):1008–11
Chung SC see **Griffin SM**
Chung SJ. Formulas predicting the percentile of serum cholesterol levels by age in adults. Arch Pathol Lab Med 1990 Aug;114(8):869–75
Chung SY see **Urschel HC Jr**
Church W see **Mann KG**
Churcher MJ see **McLean CS**
Churchill BM see **Abara E**
Churchill BM see **Jumper BM**
Churchill BM see **Khoury AE**
Churchill BM see **McLorie GA**
Churchill BM see **Merguerian PA**
Churchill BM see **Sheldon CA**
Chuwa LM see **Kawo NG**
Chwals WJ see **Lally KP**
Ciardelli T see **Lu S**
Cibull ML see **Davey DD**
Cicardi M, Gardinali M, Bisiani G, Rosti A, Allavena P, Agostoni A. The systemic capillary leak syndrome: appearance of interleukin-2-receptor-positive cells during attacks. Ann Intern Med 1990 Sep 15;113(6):475–7
Ciccimarra F see **Pignata C**
Cid L see **Pierart J**
Cieslak J see **Strom CM**
Cikrit DF, Dalsing MC, Bryant BJ, Lalka SG, Sawchuk AP, Schulz JE. An experience with upper-extremity vascular trauma. Am J Surg 1990 Aug;160(2):229–33
Cilley JH Jr see **DelRossi AJ**
Cintron FR see **Carrau RL**
Cirillo D see **Maio M**
Civin C see **Sharkis SJ**

Claesson I see **Krantz I**
Clague RB see **Benjamin CM**
Clague RB see **Buckee C**
Claman P. Thyroid dysfunction in postpartum depression [letter] Am J Psychiatry 1990 Aug;147(8):1101
Clamon G see **Kathol RG**
Clapham DE see **Lewis DL**
Clapuyt P see **Sokal EM**
Clarick CJ see **Baum CG**
Clark BJ see **Selbst SM**
Clark C see **Worsley MH**
Clark DC see **Fawcett J**
Clark DP, Buescher L, Havey A. Familial urticaria pigmentosa. Arch Intern Med 1990 Aug;150(8):1742–4
Clark DR see **Campbell DN**
Clark EA, Shu G. Association between IL–6 and CD40 signaling. IL–6 induces phosphorylation of CD40 receptors. J Immunol 1990 Sep 1;145(5):1400–6
Clark EC see **Aitken HA**
Clark HF see **Gouvea V**
Clark JA, Zimmerman HJ, Tanner LA. Labetalol hepatotoxicity. Ann Intern Med 1990 Aug 1;113(3):210–3
Clark KE see **Irion GL**
Clark ML see **Allon M**
Clark MR see **Van Voorhis BJ**
Clark RA see **Lipworth BJ**
Clark S see **Jonas HA**
Clarke BF see **Britland ST**
Clarke C, Edwards JD, Nightingale P, Farragher B. Early hemodynamic correlates of survival in patients with septic shock [letter] Crit Care Med 1990 Aug;18(8):899
Clarke HJ, Jinnah RH, Byank RP, Cox QG. Clostridium difficile infection in orthopaedic patients. J Bone Joint Surg [Am] 1990 Aug;72(7):1056–9
Clarke IJ, Horton RJ, Doughton BW. Investigation of the mechanism by which insulin-induced hypoglycemia decreases luteinizing hormone secretion in ovariectomized ewes. Endocrinology 1990 Sep;127(3):1470–6
Clarke NM see **Stone MH**
Clarke R see **Viani L**
Clarke SH see **Pennell CA**
Clarke SW see **Mier A**
Clarke-Pearson DL see **Berchuck A**
Clarke-Pearson DL see **Mutch DG**
Claro JF see **Netto Júnior NR**
Claro JF see **Rodrigues Netto Júnior N**
Clas D see **Rosenberg L**
Clausen CR see **Tarr PI**
Claustrat B see **Khalfallah Y**
Clavien PA. Diagnosis and management of mesenteric infarction. Br J Surg 1990 Jun;77(6):601–3 (10 ref.)
Clavien PA, Richon J, Burgan S, Rohner A. Gallstone ileus. Br J Surg 1990 Jul;77(7):737–42 (42 ref.)
Clay M see **Cameron D**
Clayman RV, Basler JW, Kavoussi L, Picus DD. Ureteronephroscopic endopyelotomy. J Urol 1990 Aug; 144(2 Pt 1):246–51; discussion 251–2
Clayton DG see **Morris JN**
Clayton F see **Kotler DP**
Cleary T see **Pitchenik AE**
Clelland C see **Otulana BA**
Cleman MW see **Lasala JM**
Clemens JD, Svennerholm AM, Harris JR, Huda S, Rao M, Neogy PK, Khan MR, Ansaruzzaman M, Rahaman S, Ahmed F, et al. Seroepidemiologic evaluation of anti-toxic and anti-colonization factor immunity against infections by LT-producing Escherichia coli in rural Bangladesh. J Infect Dis 1990 Aug;162(2):448–53
Clements IP, Sinak LJ, Gibbons RJ, Brown ML, O'Connor MK. Determination of diastolic function by radionuclide ventriculography. Mayo Clin Proc 1990 Jul;65(7):1007–19 (54 ref.)
Clements ML see **Steinhoff MC**
Clements PJ, Lachenbruch PA, Ng SC, Simmons M, Sterz M, Furst DE. Skin score. A semiquantitative measure of cutaneous involvement that improves prediction of prognosis in systemic sclerosis. Arthritis Rheum 1990 Aug; 33(8):1256–63
Clements RS Jr see **Bell DS**
Clémenty J see **Leclercq JF**
Clemmensen P, Grande P, Pedersen F, Granborg J, Svendsen JH, Madsen JK, Haedersdal C, Saunamäki K. ECG and enzymatic indicators of therapeutic success after intravenous streptokinase for acute myocardial infarction. Am Heart J 1990 Sep;120(3):503–9
Clemmer TP see **Thomas F**
Clemmons DR see **Bar RS**
Clemmons DR see **Davenport ML**
Clemmons DR, Thrailkill KM, Handwerger S, Busby WH Jr. Three distinct forms of insulin-like growth factor binding proteins are released by decidual cells in culture. Endocrinology 1990 Aug;127(2):643–50
Clerc G see **Lefrançois P**
Clevenger FW see **Demarest GB**
Clevenger FW see **Osler TM**
Clevenger RR see **Smith DR**
Clewley JP. Detection of hepatitis C virus RNA in serum [letter] Lancet 1990 Aug 4;336(8710):309–10
Clifton DK see **Wiemann JN**
Clifton DK see **Zeitler P**
Clifton GD, Harrison MR, DeMaria AN. Influence of beta-adrenergic blockade upon hemodynamic response to exercise assessed by Doppler echocardiography. Am Heart J 1990 Sep;120(3):579–85
Clinton J, Lantos PL, Rossor M, Mullan M, Roberts GW. Immunocytochemical confirmation of prion protein [letter] Lancet 1990 Aug 25;336(8713):515
Close EJ see **Lockton JA**
Clough C see **Lee KC**
Clouse RE see **North CS**
Clouston WM see **Yap AS**
Clowes AW see **Snow AD**
Clozel JP, Banken L, Roux S. Aprotinin: an antidote for recombinant tissue-type plasminogen activator (rt-PA) active in vivo. J Am Coll Cardiol 1990 Aug;16(2):507–10
Coad NR, Byrne AJ. Guillain-Barré syndrome mimicking brainstem death. Anaesthesia 1990 Jun;45(6):456–7
Coakley AJ see **Wilson NM**
Coalson JJ see **deLemos RA**
Coates CJ, Paterson JM, Woods KR, Catterall A, Fixsen JA. Femoral osteotomy in Perthes' disease. Results at maturity. J Bone Joint Surg [Br] 1990 Jul;72(4):581–5
Coates NE. Priapism associated with buspar [letter] South Med J 1990 Aug;83(8):983
Coates PW see **Martin RW 3d**
Cobb CM see **Eick JD**
Cohen LA see **Romanelli MF**
Coblyn JS see **Sperling RI**
Coca F see **Miguéres M**
Cochi S see **Schuchat A**
Cochrane RH see **Landercasper J**
Coci A see **Riccardi A**
Cockcroft DW, Hargreave FE. Airway hyperresponsiveness. Relevance of random population data to clinical usefulness [comment] Am Rev Respir Dis 1990 Sep;142(3):497–500. Comment on: Am Rev Respir Dis 1990 Sep;142(3):549–54.
Cockram DB, Baumgartner RN. Evaluation of accuracy and reliability of calipers for measuring recumbent knee height in elderly people. Am J Clin Nutr 1990 Aug;52(2):397–400
Cockrell SN, Hendren WH. The importance of visualizing the ureter before performing a pyeloplasty. J Urol 1990 Aug;144(2 Pt 2):588–92; discussion 593–4
Codd GA see **Turner PC**
Codias EK, Rutter JE, Fleming TJ, Malek TR. Down-regulation of IL-2 production by activation of T cells through Ly-6A/E. J Immunol 1990 Sep 1; 145(5):1407–14
Codling BW see **Bigrigg MA**
Cody RJ see **Leier CV**
Coelho A see **Ferreira MJ**
Coene PP, Groen AK, Cheng J, Out MM, Tytgat GN, Huibregtse K. Clogging of biliary endoprostheses: a new perspective. Gut 1990 Aug;31(8):913–7
Coenen J see **Bertina RM**
Coetzee A, Roussouw G, Fourie P, Lochner A. Preservation of myocardial function and biochemistry after blood and oxygenated crystalloid cardioplegia during cardiac arrest [see comments] Ann Thorac Surg 1990 Aug;50(2):230–7. Comment in: Ann Thorac Surg 1990 Aug;50(2):175–7.
Cofer G see **Sostman HD**
Coffey DS, Walsh PC. Clinical and experimental studies of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug;17(3):461–75 (38 ref.)
Coffey RJ see **Lewis JJ**
Cogbill TH see **Landercasper J**
Cogbill TH see **Martin GD**
Cogen R, Steinman W. Sexual function and practice in elderly men of lower socioeconomic status. J Fam Pract 1990 Aug; 31(2):162–6
Coghill G see **Parham DM**
Cogswell JJ see **Sporik R**
Cohen A, Martin M, Mizanin J, Konkle DF, Schwartz E. Vision and hearing during deferoxamine therapy. J Pediatr 1990 Aug;117(2 Pt 1):326–30
Cohen AM see **Crass JR**
Cohen AS, Skinner M. New frontiers in the study of amyloidosis [editorial; comment] N Engl J Med 1990 Aug 23;323(8):542–3. Comment on: N Engl J Med 1990 Aug 23;323(8):508–13.
Cohen BZ see **Seery CM**
Cohen C see **Annas GJ**
Cohen CE see **Roguin LP**
Cohen EP see **Matson MA**
Cohen GH see **Harris SL**
Cohen GR see **Thorp JA**
Cohen J see **Burkett G**
Cohen J see **Meizner I**
Cohen J see **Silva AT**
Cohen JM see **Unger PD**
Cohen M see **Hjemdahl-Monsen CE**
Cohen MA, Benenson RS. Aneurysm alert [letter] Ann Emerg Med 1990 Jul;19(7):842–3
Cohen MG see **Li EK**
Cohen ML see **Steidle CP**
Cohen MV, Downey JM. Myocardial stunning in dogs: preconditioning effect and influence of coronary collateral flow. Am Heart J 1990 Aug;120(2):282–91
Cohen PJ see **Crutcher WA**
Cohen PR, Grossman ME. Pseudocyst of the auricle [letter] Am J Med 1990 Aug;89(2):249–50 (8 ref.)
Cohen PR, Suarez SM, DeLeo VA. Porphyria cutanea tarda in human immunodeficiency virus-infected patients. JAMA 1990 Sep 12;264(10):1315–6
Cohen R see **Khalfallah Y**
Cohen R see **Rothman AI**
Cohen RA see **Blanco R**
Cohen RA, Rushton HG, Belman AB, Kass EJ, Majd M, Shaer C. Renal scarring and vesicoureteral reflux in children with myelodysplasia. J Urol 1990 Aug;144(2 Pt 2):541–4; discussion 545
Cohen RA see **Rosenberg MR**
Cohen RB see **Bickel M**
Cohen SB. Mania after nicotine withdrawal [letter] Am J Psychiatry 1990 Sep;147(9):1254–5
Cohen SB see **Peachey NS**
Cohen TJ, Liem LB. A hemodynamically responsive antitachycardia system. Development and basis for design in humans. Circulation 1990 Aug;82(2):394–406
Cohn DV see **Fasciotto BH**
Cohn JN. Nitrates are effective in the treatment of chronic congestive heart failure: the protagonist's view. Am J Cardiol 1990 Aug 15;66(4):444–6 (30 ref.)
Cohn JN see **Carlyle PF**
Cohn JN. Abnormalities of peripheral sympathetic nervous system control in congestive heart failure. Circulation 1990 Aug;82(2 Suppl):I59–67 (64 ref.)
Cohn LH see **Jones RE**
Cohn MR see **Lim BH**
Cohrs R see **Mahalingam R**
Coindre JM see **de Mascarel I**
Coit DG see **Bevilacqua RG**
Coker NJ see **Eicher SA**
Coker NJ see **Salzer TA**
Colamarino R, Dubost JJ, Sauvezie B. Polymyalgia and minoxidil [letter] Ann Intern Med 1990 Aug 1;113(3):256–7
Colardyn F see **Offner F**
Colbert RL see **Davies SF**
Colcleugh RG see **Lo AK**
Cold GE see **Jensen K**
Colditz GA see **Hunter DJ**
Colditz PR see **Moorthy B**
Cole GW see **Fakjian N**
Cole SK see **DiSciascio G**
Cole TB see **Patetta MJ**
Cole WG see **Brougham DI**
Cole WG, Bennett CS, Perks AG, McManamny DS, Barnett JS. Tissue expansion in the lower limbs of children and young adults. J Bone Joint Surg [Br] 1990 Jul;72(4):578–80
Coleman J. First look at 1990: expenses up, revenue fades. Hospitals 1990 Aug 5;64(15):70–1
Coleman J see **Klein AS**
Coleman M see **Feigert JM**
Coleman RA see **Chen YT**
Coleman SA see **Stovall TG**
Coleman SS see **Kahle WK**
Coles DT see **Hartmann LC**
Coles GV. Erratum: Feldman, Gerber abstract [letter] Am J Public Health 1990 Sep;80(9):1137
Coles NA see **Barsky AJ**
Coley CM see **Levinson JR**
Coley S, Jones GW, Lassey D, May AE, Fell D. A comparison of the effects of alfentanil/droperidol or fentanyl/droperidol on intra-ocular pressure. Anaesthesia 1990 Jun;45(6):477–80
Colgan SM see **Prior A**
Colligan JE see **Ezquerra A**
Colina KF, Perler FB, Matsumura I, Meda M, Nutman TB. The identification of an Onchocerca-specific recombinant antigen containing a T cell epitope. J Immunol 1990 Sep 1;145(5):1551–6
Coll CG see **Vohr BR**
Collart F, Wens R, Dratwa M. Calcium channel blockers as second-line therapy in thiazide-resistant hypertension [letter] Arch Intern Med 1990 Aug;150(8):1755, 1758, 1760
Collee JG see **Whitby LG**
Collen D see **Gold HK**
Collen D see **Yasuda T**
Coller BS see **Gold HK**
Coller JA see **Schoetz DJ Jr**
Colleselli K, Poisel S, Schachtner W, Bartsch G. Nerve-preserving bilateral retroperitoneal lymphadenectomy: anatomical study and operative approach. J Urol 1990 Aug;144(2 Pt 1):293–7; discussion 297–8
Collet H see **Domergue J**
Colley AT see **Mangan TF**
Colley DG see **Amano T**
Colley DG see **Montesano MA**
Colli AM see **Sreeram N**
Collier BD see **Wilson CR**
Collier P, Wilcox G, Brooks D, Laffey S, Dalton T. Improved patient selection for angioplasty utilizing color Doppler imaging. Am J Surg 1990 Aug;160(2):171–4
Collier RJ see **Byatt JC**
Collins FH see **Taylor KA**
Collins I see **Buckee C**
Collins JS, Hamilton PW, Watt PC, Sloan JM, Love AH. Quantitative histological study of mucosal inflammatory cell densities in endoscopic duodenal biopsy specimens from dyspeptic patients using computer linked image analysis. Gut 1990 Aug;31(8):858–61
Collins JV see **Hanson PJ**
Collins JV see **Watson JM**
Collins MC see **Williams JW**
Collins P see **Tomkin GH**
Collins R, Flather M, Peto R. GISSI-2: 10% reduction in

mortality with heparin in acute myocardial infarction? [letter] Lancet 1990 Aug 18;336(8712):439–40
Collins RE see **Wilson NM**
Collins SJ see **Radich JP**
Collins WE see **Iseki M**
Colman NC see **Walop W**
Coloma MJ see **Robbins DL**
Colombatti A see **Maio M**
Colombo M see **Lampertico P**
Colquhoun D. Re–analysis of clinical trial of homoeopathic treatment in fibrositis [letter] Lancet 1990 Aug 18; 336(8712):441–2
Colton DA see **Kane MT**
Colucci WS see **Arnold JM**
Colucci WS. In vivo studies of myocardial beta–adrenergic receptor pharmacology in patients with congestive heart failure. Circulation 1990 Aug;82(2 Suppl):I44–51 (34 ref.)
Coluzzi M see **Fontenille D**
Colvard DS see **Turner RT**
Colvin RB see **Cosimi AB**
Colwell CW Jr see **Kelman GJ**
Coma del Corral MJ, Pardo–Mindan FJ, Razquin S, Ojeda C. Risk of cancer in patients with gastric dysplasia. Follow–up study of 67 patients. Cancer 1990 May 1; 65(9):2078–85
Combs CA, Robertson PA, Laros RK Jr. Risk factors for third–degree and fourth–degree perineal lacerations in forceps and vacuum deliveries. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):100–4
Comerci GD. Medical complications of anorexia nervosa and bulimia nervosa. Med Clin North Am 1990 Sep; 74(5):1293–310 (54 ref.)
Commarata MA see **Loeser WD**
Comoretto R see **Barzan L**
Compans RW see **Ray R**
Comstock J see **Dalton HJ**
Comstock J, Hansen RC, Korc A. Basal cell carcinoma in a 12–year–old boy. Pediatrics 1990 Sep;86(3):460–3
Conard FU 3d see **Gage TS**
Conard PF, Hanna N, Rosenblum M, Gross JB. Delayed recognition of podophyllum toxicity in a patient receiving epidural morphine. Anesth Analg 1990 Aug;71(2):191–3
Conboy J, Marchesi S, Kim R, Agre P, Kan YW, Mohandas N. Molecular analysis of insertion/deletion mutations in protein 4.1 in elliptocytosis. II. Determination of molecular genetic origins of rearrangements. J Clin Invest 1990 Aug; 86(2):524–30
Conboy J see **Marchesi SL**
Concha M see **Eguaras MG**
Cone TE Jr. Infant feeding redux. Pediatrics 1990 Sep; 86(3):473–4
Conklin KA. Can anesthetic–related maternal mortality be reduced? [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):253–4
Conlin PR see **Grant FD**
Conly JM see **Crone LA**
Connell ML. Monitoring quality assurance in psychiatry [letter] Am J Psychiatry 1990 Aug;147(8):1100–1
Connelly PW. Lipoprotein lipase. Can Med Assoc J 1990 Aug 15;143(4):295
Connolly GM, Forbes A, Gazzard BG. Investigation of seemingly pathogen–negative diarrhoea in patients infected with HIV1. Gut 1990 Aug;31(8):886–9
Connor RI, Shen L, Fanger MW. Evaluation of the antibody–dependent cytotoxic capabilities of individual human monocytes. Role of Fc gamma RI and Fc gamma RII and the effects of cytokines at the single cell level. J Immunol 1990 Sep 1;145(5):1483–9
Connor WE see **Leaf DA**
Connors RH see **Scalzo AJ**
Connors RH see **Weber TR**
Conrad DH see **Ben–Sasson SZ**
Conron RW Jr see **Rivkees SA**
Consoli A see **Jenssen T**
Constantine G see **Basu SN**
Constantino CX see **Keyes PL**
Conte JE Jr, Chernoff D, Feigal DW Jr, Joseph P, McDonald C, Golden JA. Intravenous or inhaled pentamidine for treating Pneumocystis carinii pneumonia in AIDS. A randomized trial. Ann Intern Med 1990 Aug 1;113(3):203–9
Contencin P see **Narcy P**
Contencin P see **Polonovski JM**
Contento I see **Gutin B**
Conti L see **Desenclos JC**
Contreras F. Cataract–free zone in Latin America [editorial] Am J Ophthalmol 1990 Aug 15;110(2):203–4
Contreras G see **Duckworth AS**
Contreras M see **Salker R**
Convit J see **Avila JL**
Conway SP, Phillips RR, Panday S. Admission to hospital with gastroenteritis. Arch Dis Child 1990 Jun;65(6):579–84
Cook EF see **White LD**
Cook EW Jr see **Burlew BP**
Cook JA see **Murrant NJ**
Cook KK, Gregory NR, Weaver CM. Agreement between analytical values and label declarations of sodium content of processed packaged foods. J Am Diet Assoc 1990 Aug; 90(8):1085–8
Cook LT see **Cox GG**
Cook MG see **Savalgi RS**
Cook SD see **Brinker MR**
Cook YR see **Phillips BA**
Cook–Deegan RM. Social and ethical implications of advances in human genetics. South Med J 1990 Aug; 83(8):879–82
Cooke A see **Hudson I**
Cooke ID see **Graham RA**
Cooke ID see **Ramsewak SS**
Cooke RW see **Pharoah PO**
Cooke T see **Pharoah PO**
Cookson BD see **Woodford N**
Cooley DA see **Ludomirsky A**
Cooney JA. Carbamazepine and SIADH [letter] Am J Psychiatry 1990 Aug;147(8):1101–2
Coope J. Perimenopausal women's views on hormone replacement therapy [letter] BMJ 1990 Jun 9; 300(6738):1526
Cooper C see **Raffle AE**
Cooper D see **Tapp AJ**
Cooper DA see **Harrison HC**
Cooper DA see **Sculley TB**
Cooper DW see **Wilton AN**
Cooper GJ, Ryan JM. Interaction of penetrating missiles with tissues: some common misapprehensions and implications for wound management. Br J Surg 1990 Jun;77(6):606–10 (19 ref.)
Cooper GJ see **Paterson–Brown S**
Cooper HL, Fuldner R, McDuffie E, Braverman R. A specific defect of prosolin phosphorylation in T cell leukemic lymphoblasts is associated with impaired down–regulation of DNA synthesis. J Immunol 1990 Aug 15;145(4):1205–13
Cooper J see **Miyoshi S**
Cooper MD see **Ramakrishnan L**
Cooper MJ see **Gotley DC**
Cooper PH see **Nichols GE**
Cope C. Novel nitinol basket instrument for percutaneous cholecystolithotomy. AJR Am J Roentgenol 1990 Sep; 155(3):515–6
Copeland EM 3d see **Klimberg VS**
Copeland EM 3d see **Souba WW**
Copeland RS see **Taylor KA**
Cophignon J see **Mayer JM**
Coplan NL. Evolving strategy for managing patients following thrombolytic therapy. Am Heart J 1990 Aug; 120(2):464–6
Coplen DE, Marcus MD, Myers JA, Ratliff TL, Catalona WJ. Long–term followup of patients treated with 1 or 2, 6–week courses of intravesical bacillus Calmette–Guerin: analysis of possible predictors of response free of tumor. J Urol 1990 Sep;144(3):652–7
Coppa G see **Esposito RA**
Coppa GV see **Catassi C**
Coppenhaver DH see **Lucia HL**
Coquoz E see **Tassonyi E**
Coran AG see **Caty MG**
Corbishley CM see **Savalgi RS**
Corbridge TC, Wood LD, Crawford GP, Chudoba MJ, Yanos J, Sznajder JI. Adverse effects of large tidal volume and low PEEP in canine acid aspiration. Am Rev Respir Dis 1990 Aug;142(2):311–5
Cordell JL see **Pezzella F**
Córdoba JC see **Teixeira AR**
Cordon–Cardo C see **Sheinfeld J**
Corey GA. Power analysis and clinical significance [letter] J Fam Pract 1990 Aug;31(2):122, 212
Corey L see **Kiviat N**
Corey M see **Reisman J**
Corkery JJ see **Parashar K**
Corkery KJ see **Montgomery AB**
Corkill MM, Kirkham BW, Chikanza IC, Gibson T, Panayi GS. Intramuscular depot methylprednisolone induction of chrysotherapy in rheumatoid arthritis: a 24–week randomized controlled trial. Br J Rheumatol 1990 Aug; 29(4):274–9
Cormier Y see **Maltais F**
Cornblatt BA see **Dworkin RH**
Cornell RC see **Greenway HT Jr**
Cornett PA see **Embury SH**
Cornetta K see **Rosenberg SA**
Corno A see **Marcelletti C**
Corona ML, Peters SG, Narr BJ, Thompson RL. Infections related to central venous catheters. Mayo Clin Proc 1990 Jul;65(7):979–86 (31 ref.)
Coronado JR see **Freeman BA**
(Corot JB), Panush RB, Caldwell JR, Panush RS. Corot's 'gout' and a 'gipsy' girl. JAMA 1990 Sep 5;264(9):1136–8
Corsan GH see **Kemmann E**
Corso P see **Burke AB**
Corson SL. Sapphire probes in obstetric laser surgery [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):246–7
Corvilain J see **Gillet C**
Coryell WH see **Zimmerman M**
Cosentino MJ see **Heindel RM**
Cosgrove DM see **Angermeier KW**
Cosimi AB, Delmonico FL, Wright JK, Wee SL, Preffer FI, Jolliffe LK, Colvin RB. Prolonged survival of nonhuman primate renal allograft recipients treated only with anti–CD4 monoclonal antibody. Surgery 1990 Aug; 108(2):406–13; discussion 413–4
Cossar DF see **Rafferty C**
Costa JC see **Bacchi CE**
Costantino JP see **Steen VD**
Costarino AT see **DiCarlo JV**
Costello A see **Hargreaves KM**
Cotting J, Lentze MJ, Reichen J. Effects of ursodeoxycholic acid treatment on nutrition and liver function in patients with cystic fibrosis and longstanding cholestasis. Gut 1990 Aug;31(8):918–21
Cottington EM see **Palko MJ**
Cotton DB see **Smith LG Jr**
Cotton P. Many researchers, few clinicians, using drug that may slow, even prevent, Parkinson's [news] JAMA 1990 Sep 5;264(9):1083–4
Cotton P. Scientifically astute activists seek common ground with clinicians on testing new AIDS drugs [news] JAMA 1990 Aug 8;264(6):666, 669–70, 673
Couch JM, Somers ME, Gonzalez C. Superior oblique muscle dysfunction following anterior ethmoidal artery ligation for epistaxis. Arch Ophthalmol 1990 Aug;108(8):1110–3
Couderc LJ see **Veyssier–Belot C**
Coughlan RJ see **Foley–Nolan D**
Coulanges P see **Fontenille D**
Coulden RA, Britton PD, Farman P, Noble–Jamieson G, Wight DG. Preliminary report: hepatic vein Doppler in the early diagnosis of acute liver transplant rejection. Lancet 1990 Aug 4;336(8710):273–5
Coulson JD see **Bullaboy CA**
Coultas DB, Samet JM, McCarthy JF, Spengler JD. Variability of measures of exposure to environmental tobacco smoke in the home. Am Rev Respir Dis 1990 Sep; 142(3):602–6
Coulter A see **Lawrence M**
Coulter K see **Remington GJ**
Coulthard MG see **Skinner R**
Counter SA, Borg E, Lofqvist L, Brismar T. Hearing loss from the acoustic artifact of the coil used in extracranial magnetic stimulation. Neurology 1990 Aug;40(8):1159–62
Counts GW see **Sullivan KM**
Coupland RM. War wound excision [letter] Br J Surg 1990 Jul;77(7):833
Courington KR see **Hocking MP**
Cournoyer D, Caskey CT. Gene transfer into humans: a first step [editorial: comment] N Engl J Med 1990 Aug 30; 323(9):601–3. Comment on: N Engl J Med 1990 Aug 30;323(9):570–8.
Cournoyer PR. The nursing shortage: dynamics and solutions. The art of creative solutions. Nurs Clin North Am 1990 Sep;25(3):581–6 (21 ref.)
Couroucé AM see **Lefrère JJ**
Court–Brown CM, Christie J, McQueen MM. Closed intramedullary tibial nailing. Its use in closed and type I open fractures. J Bone Joint Surg [Br] 1990 Jul;72(4):605–11
Courtois H see **Levesque H**
Couser JI see **Martinez FJ**
(Cousins N), Elgee NJ. Norman Cousins' sick laughter redux. Arch Intern Med 1990 Aug;150(8):1588
Cousins N see **Fawzy FI**
Coverdale HA see **Jaffe WM**
Covington EC see **Hassenbusch SJ**
Covino JM, McCormack WM. Vulvar ulcer of unknown etiology in a human immunodeficiency virus–infected woman: response to treatment with zidovudine. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):116–8
Cowan HB see **Shepherd VL**
Cowell JK see **Onadim ZO**
Cowen PJ see **Goodwin GM**
Cowley MJ see **Nath A**
Cowling WR 3d. The nursing shortage: dynamics and solutions. A research perspective. Nurs Clin North Am 1990 Sep;25(3):569–79
Cox GG, Cook LT, McMillan JH, Rosenthal SJ, Dwyer SJ 3d. Chest radiography: comparison of high–resolution digital displays with conventional and digital film. Radiology 1990 Sep;176(3):771–6
Cox JL see **Douglas JM Jr**
Cox QG see **Clarke HJ**
Cox RG, Goresky GV. Life–threatening apnea following spinal anesthesia in former premature infants. Anesthesiology 1990 Aug;73(2):345–7
Cox SM see **Cunningham FG**
Cox TM. An independent diagnosis [clinical conference] BMJ 1990 Jun 9;300(6738):1512–4
Coxon R see **Stehling MK**
Coxon RJ see **Johnson IR**
Coyle AJ, Page CP, Atkinson L, Flanagan R, Metzger WJ. The requirement for platelets in allergen–induced late asthmatic airway obstruction. Eosinophil infiltration and heightened airway responsiveness in allergic rabbits. Am Rev Respir Dis 1990 Sep;142(3):587–93
Cozza EN, Gomez–Sanchez CE. Effects of endothelin–1 on its receptor concentration and thymidine incorporation in calf adrenal zona glomerulosa cells: a comparative study with phorbol esters. Endocrinology 1990 Aug; 127(2):549–54
Cracchiolo A 3d, Pearson S, Kitaoka H, Grace D. Hindfoot arthrodesis in adults utilizing a dowel graft technique. Clin Orthop 1990 Aug;(257):193–203
Cradock TV see **Azzam FJ**
Craft AW see **Morris–Jones PH**
Craft AW see **Skinner R**
Cragoe EJ Jr see **Semrad CE**
Craig I see **Murphy PG**
Craigen G, Lazar N, Keatings M. Assisting suicide [letter] Can Med Assoc J 1990 Aug 1;143(3):168
Crain BJ see **Heinz ER**
Crain EF, Gershel JC. Urinary tract infections in febrile

infants younger than 8 weeks of age. Pediatrics 1990 Sep; 86(3):363–7
Crane J see **Shaw RA**
Crane JP see **Ewigman B**
Cranley JJ see **Kerr TM**
Crapo LM see **Helfand M**
Cras P, Kawai M, Siedlak S, Mulvihill P, Gambetti P, Lowery D, Gonzalez-DeWhitt P, Greenberg B, Perry G. Neuronal and microglial involvement in beta-amyloid protein deposition in Alzheimer's disease. Am J Pathol 1990 Aug; 137(2):241–6
Crass JR, Cohen AM, Motta AO, Tomashefski JF Jr, Wiesen EJ. A proposed new mechanism of traumatic aortic rupture: the osseous pinch. Radiology 1990 Sep; 176(3):645–9
Craven CM, Allred T, Garry SL, Pickrell J, Buys SS. Three cases of fatal cardiac tamponade following ventricular endocardial biopsy. Arch Pathol Lab Med 1990 Aug; 114(8):836–9
Crawford DS, Xiong DZ. Medical library education in China. Acad Med 1990 Aug;65(8):502–4
Crawford FA Jr see **Zeigler VL**
Crawford G see **Yanos J**
Crawford GP see **Corbridge TC**
Crawford JR see **Ebmeier KP**
Crawford JS see **MacArthur C**
Crawford MA see **Kuhn DC**
Crawford S see **Roth B**
Crea F see **Pupita G**
Creasy GW see **Koch KL**
Creighton D see **Eisenbud DE**
Creighton KA see **Branch DW**
Cremer MA see **Farah MJ**
Crennan E see **Barrett A**
Crescenzo-Chaigne B see **Bouvet JP**
Crespo MG see **Yebra M**
Creutzfeldt W see **Leonhardt U**
Crevecoeur E see **Kizelshteyn G**
Crimmins F see **Steadman C**
Crinella FM see **Thompson R**
Crisci C see **Massimo CG**
Crist W, Carroll A, Shuster J, Jackson J, Head D, Borowitz M, Behm F, Link M, Steuber P, Ragab A, et al. Philadelphia chromosome positive childhood acute lymphoblastic leukemia: clinical and cytogenetic characteristics and treatment outcome. A Pediatric Oncology Group study. Blood 1990 Aug 1;76(3):489–94
Crist WM see **Pui CH**
Cristina E see **D'Alessandro R**
Crivellaro C see **Bortolotti F**
Croce MA see **Fabian TC**
Crockard HA, Calder I, Ransford AO. One-stage transoral decompression and posterior fixation in rheumatoid atlanto-axial subluxation. J Bone Joint Surg [Br] 1990 Jul; 72(4):682–5
Crocker AC. Medical care in the community for adults with mental retardation [editorial; comment]
Am J Public Health 1990 Sep;80(9):1037–8. Comment on: Am J Public Health 1990 Sep;80(9):1043–8.
Crocker J see **Benfield GF**
Crofton RW, Aggett PJ, Gvozdanovic S, Gvozdanovic D, Mowat NA, Brunt PW. Zinc metabolism in celiac disease. Am J Clin Nutr 1990 Aug;52(2):379–82
Croker J see **Dowsett JF**
Cromack DT see **Mustoe TA**
Crombleholme TM, Adzick NS, deLorimier AA, Longaker MT, Harrison MR, Charlton VE. Carotid artery reconstruction following extracorporeal membrane oxygenation. Am J Dis Child 1990 Aug;144(8):872–4
Cromeens D see **Rodgers GP**
Cron RQ see **Ezquerra A**
Crone LA, Conly JM, Storgard C, Zbitnew A, Cronk SL, Rea LM, Greer K, Berenbaum E, Tan LK, To T. Herpes labialis in parturients receiving epidural morphine following cesarean section. Anesthesiology 1990 Aug;73(2):208–13
Cronje H see **Cabrol D**
Cronk SL see **Crone LA**
Croog SH, Kong BW, Levine S, Weir MR, Baume RM, Saunders E. Hypertensive black men and women. Quality of life and effects of antihypertensive medications. Black Hypertension Quality of Life Multicenter Trial Group. Arch Intern Med 1990 Aug;150(8):1733–41
Crosato IM see **Barzan L**
Crosby RD see **Leiden LI**
Cross DB see **Rivers JT**
Cross MJ see **Wootton JR**
Cross RW. Breast diagnostics in clinical gynecology [letter] Am J Obstet Gynecol 1990 Aug;163(2):686–7
Cross SJ, Thomson LF, Jennings KP, Shields TG. Right-to-left shunt and neurological decompression sickness in divers [letter] Lancet 1990 Sep 1;336(8714):568
Cross SS, Start RD, Smith JH. Does delay in fixation affect the number of mitotic figures in processed tissue?
J Clin Pathol 1990 Jul;43(7):597–9
Crosson JT see **Dayton VD**
Croughwell ND see **Reves JG**
Crowe PT see **Loft DE**
Crowe R see **Milner P**
Crowell PL, Block KP, Repa JJ, Torres N, Nawabi MD, Buse MG, Harper AE. High branched-chain alpha-keto acid intake, branched-chain alpha-keto acid dehydrogenase activity, and plasma and brain amino acid and plasma keto acid concentrations in rats. Am J Clin Nutr 1990 Aug; 52(2):313–9
Crowley DS, Giesecke AH. Bimanual cricoid pressure [letter] Anaesthesia 1990 Jul;45(7):588–9
Crowley JL see **Hill MK**
Crowley MS see **Polkowski J**
Crowley NJ, Seigler HF. Late recurrence of malignant melanoma. Analysis of 168 patients. Ann Surg 1990 Aug; 212(2):173–7
Crowley WR, Shah GV, Carroll BL, Kennedy D, Dockter ME, Kalra SP. Neuropeptide-Y enhances luteinizing hormone (LH)-releasing hormone-induced LH release and elevations in cytosolic Ca2+ in rat anterior pituitary cells: evidence for involvement of extracellular Ca2+ influx through voltage-sensitive channels. Endocrinology 1990 Sep;127(3):1487–94
Crowley WR see **Shah GV**
Crowson MC see **Hickey NC**
Croze F see **Robertson MC**
Crozier IG see **Ikram H**
Crozier IG see **Li EK**
Cruickshank D, Kitchener H. Screening for uterine neoplasms [letter] Lancet 1990 Sep 1;336(8714):562–3
Cruikshank SH see **Dayton VD**
Crum RL, Dominic W, Hansbrough JF, Shackford SR, Brown MR. Cardiovascular and neurohumoral responses following burn injury. Arch Surg 1990 Aug;125(8):1065–9
Crumley RL. Neonatal facial paralysis [letter]
Plast Reconstr Surg 1990 Sep;86(3):609
Crumpacker CS see **Gulick RM**
Crutcher WA, Cohen PJ. Dysplastic nevi and malignant melanoma. Am Fam Physician 1990 Aug;42(2):372–85 (35 ref.)
Cruz A see **Lugo-Janer G**
Cruz FE, Cheriex EC, Smeets JL, Atié J, Peres AK, Penn OC, Brugada P, Wellens HJ. Reversibility of tachycardia-induced cardiomyopathy after cure of incessant supraventricular tachycardia.
J Am Coll Cardiol 1990 Sep;16(3):739–44
Cruz FE see **Wellens HJ**
Cryer HG, Mavroudis C, Yu J, Roberts AM, Cué JI, Richardson JD, Polk HC Jr. Shock, transfusion, and pneumonectomy. Death is due to right heart failure and increased pulmonary vascular resistance. Ann Surg 1990 Aug;212(2):197–201
Cryer HG see **Cué JI**
Cryer HM 3d see **Cué JI**
Crystal RG see **Fukuda Y**
Cudmore RE see **Walker J**
Cué JI see **Cryer HG**
Cué JI, Miller FB, Cryer HM 3d, Malangoni MA, Richardson JD. A prospective, randomized comparison between open and closed peritoneal lavage techniques. J Trauma 1990 Jul;30(7):880–3
Cué JI, Cryer HG, Miller FB, Richardson JD, Polk HC Jr. Packing and planned reexploration for hepatic and retroperitoneal hemorrhage: critical refinements of a useful technique. J Trauma 1990 Aug;30(8):1007–11; discussion 1011–3
Cuello JA see **Pachon J**
Cueto Ladrón de Guevara A see **Guijarro Jorge R**
Cuevas D see **Chiu T**
Cuevas L see **Chiu T**
Cuevas M see **Carrillo T**
Cui L see **Benhorin J**
Culig KM see **Thompson TL 2d**
Cullen JF see **Mutlukan E**
Cullen MR see **Redlich CA**
Cullen MT, Green J, Whetham J, Salafia C, Gabrielli S, Hobbins JC. Transvaginal ultrasonographic detection of congenital anomalies in the first trimester.
Am J Obstet Gynecol 1990 Aug;163(2):466–76
Cullen MT see **Reece EA**
(Cullen R), Howard RB, Balfour WM, Cullen R. Extreme hyperferremia in two instances of hemochromatosis with notes on the treatment of one patient by means of repeated venesection. 1952 [classical article] J Lab Clin Med 1990 Jul;116(1):121–32
Cullen R see **Howard RB**
Cullen S, Deasy PF, Tempany E, Duff DF. Isolated pulmonary vein atresia. Br Heart J 1990 Jun;63(6):350–4
Culling RD see **Silverman SM**
Cullum D see **Thomas D**
Culpepper L see **Jack BW**
Cummings JH see **Gibson GR**
Cummings KM see **Petrelli NJ**
Cummings S see **Krumholz HM**
Cummins D see **Bird JM**
Cummins D, Brain C, Davies SC. Congenital malaria in one identical twin [letter] J Clin Pathol 1990 Jul;43(7):609
Cummins RO see **Eisenberg M**
Cummins RO, Chesemore K, White RD. Defibrillator failures. Causes of problems and recommendations for improvement. Defibrillator Working Group. JAMA 1990 Aug 22-29;264(8):1019–25
Cundy PJ, Paterson DC, Hillier TM, Sutherland AD, Stephen JP, Foster BK. Cotrel-Dubousset instrumentation and vertebral rotation in adolescent idiopathic scoliosis.
J Bone Joint Surg [Br] 1990 Jul;72(4):670–4
Cunningham AL see **Parish CR**
Cunningham FG, Cox SM, Harstad TW, Mason RA, Pritchard JA. Chronic renal disease and pregnancy outcome.
Am J Obstet Gynecol 1990 Aug;163(2):453–9
Cunningham FG see **Maberry MC**
Cunningham LN, Cantu RC. Acute and chronic effects of exercise using an Exercycle in healthy, untrained adults. Phys Ther 1990 Aug;70(8):494–502
Cunningham R see **Martinez A**
Cunningham TC see **Baltzan MA**
Cunningham TM see **Solomon SS**
Cunnion RE see **Parrillo JE**
Cuomo R see **Pignata C**
Cupps RE see **Hartmann LC**
Curet LB see **Izquierdo LA**
Curiel P, Spinelli G, Petrella A, Gori A, De Maria R, Bonacina E, Gronda E. Postpartum coronary artery dissection followed by heart transplantation.
Am J Obstet Gynecol 1990 Aug;163(2):538–9
Curley RM see **Koval JC**
Curley SA see **Roh MS**
Curran B see **Dorman A**
Curran CR, Miller N. The impact of corporate culture on nurse retention. Nurs Clin North Am 1990 Sep;25(3):537–49 (21 ref.)
Curran WJ. Court-ordered cesarean sections receive judicial defeat. N Engl J Med 1990 Aug 16;323(7):489–92
Curreri PW. Academic consequences of a trauma system failure [editorial] J Trauma 1990 Jul;30(7):834–5
Currie K see **Hassenbusch SJ**
Curry C see **Saunders E**
Curtin HD see **Som PM**
Curtis AB, Vance F, Miller-Shifrin K. Characteristic variation in evoked potential amplitude with changes in pacing stimulus strength. Am J Cardiol 1990 Aug 15;66(4):416–22
Curtis DM. Infant nutrient supplementation. J Pediatr 1990 Aug;117(2 Pt 2):S110–8 (45 ref.)
Curtis JJ see **Johnson JA**
Curtis JJ see **Worth ER**
Curtis PS see **Mehta AC**
Curtis SB see **Buchan AM**
Cury PR see **Bretan O**
(Cushing H) Fodstad H, Ljunggren B, Kristiansen K. Vilhelm Magnus—pioneer neurosurgeon. J Neurosurg 1990 Sep; 73(3):317–30
Cust MP see **Stevenson JC**
Custer PL see **Eppley BL**
Cuthrell WV, Rose JC, Meis PJ. The effect of adrenocorticotropic hormone infusion on subsequent pituitary response in the sheep fetus.
Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):170–4
Cutler JE see **Silka MJ**
Cutler NR, Heller AH, Kurtz NM, Sramek JJ Jr, Lynch TE, Pourdihimi Zolnouni P, Gandhi DK. Arrhythmia due to hypervagotonia in a fit pharmacology volunteer [letter] Lancet 1990 Sep 1;336(8714):567
Cutter GR see **Wagenknecht LE**
Cuttler IM see **Kurnik BR**
Cvitkovic E see **Tellez-Bernal E**
Czamecki D see **Armato DP**
Czarapata BJ see **Sedlack JD**
Czernichow P see **Polak M**
Czeuz R, Barnes P, Panayi GS. Natural killer cells in the blood of patients with rheumatoid arthritis treated with azathioprine. Br J Rheumatol 1990 Aug;29(4):284–7
Czop JK, Gurish MF, Kadish JL. Production and isolation of rabbit anti-idiotypic antibodies directed against the human monocyte receptor for yeast beta-glucans.
J Immunol 1990 Aug 1;145(3):995–1001

D

d'Ablaing G see **Levin JH**
Dacosta-Iyer M see **Berman SM**
Dadsetan MR see **Tullous MW**
Daepp M see **Vock P**
Daeschner CW Jr. Academic missions of division chiefs in pediatric departments. II. The division chief as a teacher of adults. Am J Dis Child 1990 Aug;144(8):891–3
Daffos F see **Giovangrandi Y**
D'Agati V see **Venkataseshan VS**
Dagorn JC see **Sarles H**
D'Agostino J, Valadka RJ, Schwartz NB. Differential effects of in vitro glucocorticoids on luteinizing hormone and follicle-stimulating hormone secretion: dependence on sex of pituitary donor. Endocrinology 1990 Aug;127(2):891–9
D'Agostino RB see **Kannel WB**
Dahmer SK see **Downs J**
Dahmer SK see **Downs JM**
Dahn MS see **Hans B**
al-Dahwi A see **Chandhoke PS**
Daikos GL, Jackson GG, Lolans VT, Livermore DM. Adaptive resistance to aminoglycoside antibiotics from first-exposure down-regulation. J Infect Dis 1990 Aug; 162(2):414–20
Daikos GL see **Jackson GG**
Dailey RC. Strengthening hospital nursing. How to use problem-solving teams effectively. J Nurs Adm 1990 Jul-Aug;20(7-8):24–9
Dairou F see **Veyssier-Belot C**
Dake BL see **Bar RS**
Dal Cin S see **Braga M**
Dal Nogare AR, Toews GB. Characteristics of alveolar macrophages in an animal model of resolving pulmonary inflammation. Am Rev Respir Dis 1990 Sep;142(3):660–7

Dal Prato L see **Venturoli S**
Dale DC see **Hammond WP**
Dales RE see **Patrick DM**
Dalesio O see **Slebos RJ**
D'Alessandro AM see **Kalayoglu M**
D'Alessandro R, Magelli C, Gamberini G, Bacchelli S, Cristina E, Magnani B, Lugaresi E. Snoring every night as a risk factor for myocardial infarction: a case-control study. BMJ 1990 Jun 16;300(6739):1557-8
Dalinka MK see **Langer JE**
Dalkin AC, Haisenleder DJ, Ortolano GA, Suhr A, Marshall JC. Gonadal regulation of gonadotropin subunit gene expression: evidence for regulation of follicle-stimulating hormone-beta messenger ribonucleic acid by nonsteroidal hormones in female rats. Endocrinology 1990 Aug; 127(2):798-806
Dalla Torre L see **Della Puppa A**
Dalla-Volta S see **Scognamiglio R**
Dallal S see **Glassman MS**
Dallman MF see **Darlington DN**
Dallman MF see **Walker CD**
Dallot A see **Perronne C**
Dalsing MC see **Cikrit DF**
Dalton HJ, Slovis T, Helfer RE, Comstock J, Scheurer S, Riolo S. Undiagnosed abuse in children younger than 3 years with femoral fracture. Am J Dis Child 1990 Aug; 144(8):875-8
Dalton JL see **Sheps DS**
Dalton KJ see **Mooney P**
D'Alton ME see **Garner PR**
Dalton T see **Collier P**
Daly JM see **Lieberman MD**
Daly JM see **Williams NN**
Daly PA, Sole MJ. Myocardial catecholamines and the pathophysiology of heart failure. Circulation 1990 Aug;82(2 Suppl):I35-43 (107 ref.)
Dalzell AM, Freestone NS, Billington D, Heaf DP. Small intestinal permeability and orocaecal transit time in cystic fibrosis. Arch Dis Child 1990 Jun;65(6):585-8
Dalzell AM, Heaf DP. Fluorescein dilaurate test of exocrine pancreatic function in cystic fibrosis. Arch Dis Child 1990 Jul;65(7):788-9
Daman-Willems C see **Kennedy JD**
Dambacher MA see **Muff R**
D'Ambrosia RD see **Hirokawa S**
D'Amico R see **Simms HH**
Damjanov I see **Knowles BB**
Dämmrich J, Müller-Hermelink HK, Mattner A, Buchwald J, Ziffer S. Histocompatibility antigen expression in pulmonary carcinomas as indication of differentiation and of special subtypes. Cancer 1990 May 1;65(9):1942-54
D'Amour P see **Henderson J**
Dandona P see **Hussain SY**
Dandy DJ, Rao NS. Benign synovioma causing internal derangement of the knee. A report of nine cases. J Bone Joint Surg [Br] 1990 Jul;72(4):641-2
Dandy DJ. The arthroscopic anatomy of symptomatic meniscal lesions. J Bone Joint Surg [Br] 1990 Jul; 72(4):628-33
Danesi R see **La Rocca RV**
Danford DA. Factors influencing choice of procedure in transposition of the great arteries: a decision analysis approach. J Am Coll Cardiol 1990 Aug;16(2):471-5
Danforth SB see **Imam N**
Dangel ME see **Walker J**
D'Angio G see **Arrigo S**
Daniel TM, Tribble CG, Rodgers BM. Thoracoscopy and talc poudrage for pneumothoraces and effusions. Ann Thorac Surg 1990 Aug;50(2):186-9
Daniel TM see **Chan SL**
Daniel WG see **Gulba DC**
Daniel-Ribeiro CT see **de Oliveira-Ferreira J**
Daniele RP see **Goldstein RA**
Daniels HM see **Sheron N**
Danielsen N see **Olmarker K**
Danielson GK see **Julsrud PR**
Danielson JR. Professional review organization utilization and quality review process [letter] Plast Reconstr Surg 1990 Sep;86(3):604
Danielson JR see **Powell WJ**
Danino J see **Nir D**
Danis M see **Caumes E**
Danley KL see **Dwyer KM**
D'Anna LM see **Dowsett JF**
Danner RL see **Parrillo JE**
Dantzker DR see **Goldstein RA**
Danzig B see **Beal K**
Daoud Y see **Reid R**
Dardick I see **Burford-Mason A**
Dardick I see **Heathcote JG**
Dardik H see **Pecoraro JP**
Darity WA see **Stanek EJ 3d**
Dark DS see **Wesselius LJ**
Darlington DN, Chew G, Ha T, Keil LC, Dallman MF. Corticosterone, but not glucose, treatment enables fasted adrenalectomized rats to survive moderate hemorrhage. Endocrinology 1990 Aug;127(2):766-72
Darlington DN, Neves RB, Ha T, Chew G, Dallman MF. Fed, but not fasted, adrenalectomized rats survive the stress of hemorrhage and hypovolemia. Endocrinology 1990 Aug; 127(2):759-65
Darmon E, Pincu-Hornstein A, Rozen P. A rapid and simple in vitro method for evaluating human colorectal epithelial proliferation. Arch Pathol Lab Med 1990 Aug;114(8):855-7
Daroca PJ, Jr see **Faddis DM**
Darras BT see **Francke U**
Darras FS see **Schaeffer AJ**
Darrow D see **Vohr BR**
Darton K, Black CM. The use of infra-red thermography in a rheumatology unit. Br J Rheumatol 1990 Aug; 29(4):291-2
Das GS see **Bahl VK**
Das KM. Reactivity of aggregated immunoglobulin in Crohn's disease [letter] Gastroenterology 1990 Sep; 99(3):904-5
Das KM see **Hirsch RE**
Das SK see **Davidson SF**
Das VK. Prevalence of otitis media with effusion in children with bilateral sensorineural hearing loss. Arch Dis Child 1990 Jul;65(7):757-9
Dasheiff R see **Arlt G**
Dashti H see **al Muhanna A**
Datta BN see **Bali HK**
Dauber IM see **Whitman GJ**
Daughaday WH, Barbano DM. Bovine somatotropin supplementation of dairy cows. Is the milk safe? [see comments] JAMA 1990 Aug 22-29;264(8):1003-5. Comment in: JAMA 1990 Aug 22-29;264(8):1028.
Daughaday WH. Clinical applications of corticotropin releasing hormone. Mayo Clin Proc 1990 Jul;65(7):1026-8
Daugherty S see **Litwin SE**
Daughton S see **Rosner MJ**
Daujat M see **Diaz D**
Daunt SO see **Palit J**
Dautry-Varsat A see **Karray S**
Dauzats M see **Saulnier-Blache JS**
Davanzo H, Pruzzo C, Sanfuentes MT, Trivelli G, Wigdorsky V. Two methods of including postgraduate students as observers of psychotherapy. Acad Med 1990 Aug;65(8):542
Davé NK, Hopp RJ, Biven RE, Degan J, Bewtra AK, Townley RG. Persistence of increased nonspecific bronchial reactivity in allergic children and adolescents. J Allergy Clin Immunol 1990 Aug;86(2):147-53
Davenport A, Grant PJ. False-positive autoantibodies in HIV infection [letter] Lancet 1990 Aug 4;336(8710):317-8
Davenport ML, Clemmons DR, Miles MV, Camacho-Hubner C, D'Ercole AJ, Underwood LE. Regulation of serum insulin-like growth factor-I (IGF-I) and IGF binding proteins during rat pregnancy. Endocrinology 1990 Sep; 127(3):1278-86
Davey A see **Lim BH**
Davey DD, Munn R, Smith LW, Cibull ML. Angiotrophic lymphoma. Presentation in uterine vessels with cytogenetic studies. Arch Pathol Lab Med 1990 Aug;114(8):879-82
David DJ see **Mixter RC**
David LA, Lyons M, Samanta A, Prentice M, Nichol FE. Infected foreign body due to Bacillus licheniformis in rheumatoid arthritis [letter] Br J Rheumatol 1990 Aug; 29(4):320
David M, Petit WA, Laughlin MR, Shulman RG, King JE, Barrett EJ. Simultaneous synthesis and degradation of rat liver glycogen. An in vivo nuclear magnetic resonance spectroscopic study. J Clin Invest 1990 Aug;86(2):612-7
Davidoff AM see **Knechtle SJ**
Davidoff G. Posttraumatic epilepsy [letter] Arch Phys Med Rehabil 1990 Aug;71(9):711
Davidson CJ, Harrison JK, Leithe ME, Kisslo KB, Bashore TM. Left ventricular performance and clinical outcome after repeat balloon aortic valvuloplasty. Ann Intern Med 1990 Aug 1;113(3):250-2
Davidson CJ, Sheikh KH, Harrison JK, Himmelstein SI, Leithe ME, Kisslo KB, Bashore TM. Intravascular ultrasonography versus digital subtraction angiography: a human in vivo comparison of vessel size and morphology. J Am Coll Cardiol 1990 Sep;16(3):633-6
Davidson J see **Bunt TJ**
Davidson PG, McGinn JT Jr, Goldberg SL. Bilateral spontaneous pneumothoraces caused by metastatic ovarian granulosa cell tumor. Chest 1990 Aug;98(2):503-5
Davidson PM see **McLain BI**
Davidson RC see **Chuck JM**
Davidson S see **FitzSimmons J**
Davidson SF, Brantley SK, Talbot PJ, Das SK. A functional model of microvascular thrombosis. Plast Reconstr Surg 1990 Sep;86(3):579-81
Davie JM see **Phillips NJ**
Davies BW see **Cederna JP**
Davies CR, Jones LD, Nuttall PA. A comparative study of the infection thresholds of Thogoto virus in Rhipicephalus appendiculatus and Amblyomma variegatum. Am J Trop Med Hyg 1990 Jul;43(1):99-103
Davies G see **Pupita G**
Davies H, Gordon I, Matthew DJ, Helms P, Kenney IJ, Lutkin JE, Lenney W. Long term follow up after inhalation of foreign bodies. Arch Dis Child 1990 Jun;65(6):619-21
Davies JA, Lee A, Spencer JA. Variability of continuous-wave Doppler flow velocity waveform indices from the umbilical artery. Obstet Gynecol 1990 Sep;76(3 Pt 1):366-9
Davies JD see **Armstrong JS**
Davies JM see **Carr R**
Davies MC see **Rizk B**
Davies PD. Water slide aquaplaning injury [letter] BMJ 1990 May 26;300(6736):1401
Davies PW see **Appleton GV**
Davies RW, Staprans I, Hutchison FN, Kaysen GA. Proteinuria, not altered albumin metabolism, affects hyperlipidemia in the nephrotic rat. J Clin Invest 1990 Aug; 86(2):600-5
Davies SC see **Cummins D**
Davies SF, Colbert RL. Concurrent human and canine histoplasmosis from cutting decayed wood. Ann Intern Med 1990 Aug 1;113(3):252-3
Davies TF see **Martin A**
Davies TF see **Neufeld DS**
Davignon A see **Montigny M**
Davis AE. Computer multitasking with Desqview 386 in a family practice. Can Med Assoc J 1990 Aug 15; 143(4):281-5
Davis AH see **el Meanawy MA**
Davis BE, Weigel JW. Adenocarcinoma of the prostate discovered in 2 young patients following total prostatovesiculectomy for refractory prostatitis. J Urol 1990 Sep;144(3):744-5
Davis CA see **Herrmann HC**
Davis CJ see **Bjork KJ**
Davis DL, Hoel D, Fox J, Lopez A. International trends in cancer mortality in France, West Germany, Italy, Japan, England and Wales, and the USA. Lancet 1990 Aug 25; 336(8713):474-81
Davis FR see **Rajfer SI**
Davis GS see **Goldstein RA**
Davis H see **Skoner DP**
Davis JL see **Sassoon DA**
Davis JM see **Gibbons RD**
Davis JM. Keeping the ill at ease. Postgrad Med 1990 Aug; 88(2):44-5, 48
Davis JM see **Ryu T**
Davis JM see **Vernon HJ**
Davis JP see **Hoxie NJ**
Davis JW see **Shackford SR**
Davis LS, Oppenheimer-Marks N, Bednarczyk JL, McIntyre BW, Lipsky PE. Fibronectin promotes proliferation of naive and memory T cells by signaling through both the VLA-4 and VLA-5 integrin molecules. J Immunol 1990 Aug 1;145(3):785-93
Davis R see **Shadduck JA**
Davis RE see **el Meanawy MA**
Davis WB see **Allen JN**
Davlin LB, Amstutz HC, Tooke SM, Dorey FJ, Nasser S. Treatment of osteoarthrosis secondary to congenital dislocation of the hip. Primary cemented surface replacement compared with conventional total hip replacement. J Bone Joint Surg [Am] 1990 Aug; 72(7):1035-42
Dawes LG see **Talamonti MS**
Dawson G see **Salazar-Grueso EF**
Dawson JD see **Morgan DR**
Dawson K, Stansby G, Hamilton G. Non-coronary thrombolysis [letter] Lancet 1990 Jul 28;336(8709):250-1
Dawson-Hughes B see **Stall GM**
Dax JS see **Maberry MC**
Day CP, McComb JM, Campbell RW. QT dispersion: an indication of arrhythmia risk in patients with long QT intervals. Br Heart J 1990 Jun;63(6):342-4
(Day H), Bahr RD. Hughes Day revisited [letter] Lancet 1990 Aug 4;336(8710):311
Day JL see **Grenfell A**
Day NE, Roberts SJ. Accuracy of weighed dietary records [letter] BMJ 1990 May 26;300(6736):1398
Day WH see **Roper BA**
Dayer P see **Porchet HC**
Daynes RA see **Branch DW**
Dayton VD, Anderson DS, Crosson JT, Cruikshank SH. A case of Rh isoimmunization: should threatened first-trimester abortion be an indication for Rh immune globulin prophylaxis? Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):63-4
Daza RC see **Wilbur AC**
de Aguiar JC see **Howard RJ**
Deakers TW see **Sivan Y**
Dean BS see **Humberston CL**
Dean DD see **Rajabi MR**
Dean DH see **Minihan PM**
Dean H see **Di Segni E**
Dean JM see **Vernon DD**
Deane LM see **de Oliveira-Ferreira J**
Deane SA, Gaudry PL, Pearson I, Misra S, McNeil RJ, Read C. The hospital trauma team: a model for trauma management. J Trauma 1990 Jul;30(7):806-12
DeAngelis C see **West DW**
Deans JA, Birchall JP, Mendelow AD. Acoustic neuroma and the contralateral ear: recovery of auditory brainstem response abnormalities after surgery. J Laryngol Otol 1990 Jul;104(7):565-9
Dearden CH see **Fisher RB**
Deasy PF see **Cullen S**
Deb B see **Dempsey DT**
De Baets FM, Goeteyn M, Kerrebijn KF. The effect of two months of treatment with inhaled budesonide on bronchial responsiveness to histamine and house-dust mite antigen in asthmatic children. Am Rev Respir Dis 1990 Sep; 142(3):581-6
De Beer FC see **Shephard EG**
Deblois ME see **Blumberg KD**
Debnam ES see **Chesta J**

DeBoe SF see **Kalbfleisch SJ**
DeBoni E see **Mueller UW**
de Boo T see **Jansen TL**
Debre P see **Karray S**
De Bruijne JW see **Jansen JB**
Debruyne FM see **Oosterhof GO**
Debs RJ see **Montgomery AB**
de Bustros S. Early stages of macular holes. To treat or not to treat [editorial; comment] Arch Ophthalmol 1990 Aug; 108(8):1085–6. Comment on: Arch Ophthalmol 1990 Aug;108(8):1088–90.
de Castro JM, Orozco S. Moderate alcohol intake and spontaneous eating patterns of humans: evidence of unregulated supplementation. Am J Clin Nutr 1990 Aug; 52(2):246–53
DeCaterina R, Giannessi D, Mazzone A, Bernini W, Lazzerini G, Maffei S, Cerri M, Salvatore L, Weksler B. Vascular prostacyclin is increased in patients ingesting omega-3 polyunsaturated fatty acids before coronary artery bypass graft surgery [see comments] Circulation 1990 Aug; 82(2):428–38. Comment in: Circulation 1990 Aug;82(2):639–42.
Deck LV see **Allon M**
De Clerck F see **Yao SK**
DeCosse JJ see **Fantini GA**
DeCosse JJ see **Ngoi SS**
De Cristofaro R see **Biagini R**
Dedet JP. Cutaneous leishmaniasis in French Guiana: a review. Am J Trop Med Hyg 1990 Jul;43(1):25–8 (29 ref.)
Dedhia HV see **Teba L**
Deeb M see **Schwaiger M**
Deegan MJ see **Levine SR**
Defauw JA see **Suttorp MJ**
Defaveri J, Salazar MH, Rinaldi MG, Graybill JR. Pulmonary aspergillosis in mice: treatment with a new triazole SCH39304. Am Rev Respir Dis 1990 Sep; 142(3):512–5
DeFelice CA see **Rodriguez AR**
de Feyter J see **Laarman G**
De Feyter PJ see **Suryapranata H**
De Franchis R see **Braga M**
De Gaeta L see **Rubesin SE**
Degan J see **Davé NK**
Dégano P see **Miralles P**
De Gennaro M see **Caione P**
de Gennes JL see **Veyssier-Belot C**
Deghmani M see **Galerneau V**
Degott C see **Vilgrain V**
De Gracia J see **Bellmunt J**
de Groot AC. Labelling cosmetics with their ingredients. BMJ 1990 Jun 23;300(6740):1636–8
DeGroot LJ, Kaplan EL, McCormick M, Straus FH. Natural history, treatment, and course of papillary thyroid carcinoma. J Clin Endocrinol Metab 1990 Aug; 71(2):414–24
de Haas M see **Huizinga TW**
de Haller R see **Janssens JP**
Dehaut F see **Poulin de Courval L**
De Hert S see **Vercauteren M**
Dehmer GJ. Another piece of the fish oil puzzle [comment] Circulation 1990 Aug;82(2):639–42. Comment on: Circulation 1990 Aug;82(2):428–38.
De Hoyos A see **Ginns LC**
Deitch EA, Bridges W, Berg R, Specian RD, Granger DN. Hemorrhagic shock-induced bacterial translocation: the role of neutrophils and hydroxyl radicals. J Trauma 1990 Aug;30(8):942–51; discussion 951–2
Deitch EA see **Spaeth G**
Deitchman D see **Eichhorn EJ**
Dejerine ES see **Wolfort FG**
de Jong G see **Jones EC**
de Juan E Jr. Subretinal hemorrhage during fluorescein angiography [letter] Arch Ophthalmol 1990 Aug; 108(8):1068
Dekaban G see **Weinshenker BG**
Dekaban GA, Rice GP. Retroviruses and multiple sclerosis. II. Failure of gene amplification techniques to detect viral sequences unique to the disease. Neurology 1990 Aug; 40(8):1254–8
De Keijzer MH see **Provoost AP**
deKernion JB, Neuwirth H, Stein A, Dorey F, Stenzl A, Hannah J, Blyth B. Prognosis of patients with stage D1 prostate carcinoma following radical prostatectomy with and without early endocrine therapy. J Urol 1990 Sep; 144(3):700–3
deKernion JB see **Neuwirth H**
Dekker AW, Nieuwenhuis HK, Verdonck LF. Intermediate-dose cytosine arabinoside and amsacrine. An effective regimen with low toxicity in refractory acute nonlymphocytic leukemia. Cancer 1990 May 1;65(9):1891–4
Dekker CL see **Mortimer EA Jr**
de Kloet ER see **Reul JM**
de Kretser DM see **Sun YT**
DeLacure MD, Sasaki CT, Petcu LG. Spontaneous trigeminal-facial reinnervation. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1079–81 (14 ref.)
Delafosse BX see **Annat GJ**
de Landázuri MO see **Cardenas L**
de Lange EE, Fechner RE, Edge SB, Spaulding CA. Preoperative staging of rectal carcinoma with MR imaging: surgical and histopathologic correlation [see comments] Radiology 1990 Sep;176(3):623–8. Comment in: Radiology 1990 Sep;176(3):617–9.
Delaunay J see **Morlé L**
de Launoit Y see **Verhest A**
DeLaurentis DA see **Calligaro KD**
Delbanco TL see **Shmerling RH**
del Castillo J see **Ulich TR**
deLemos JA see **deLemos RA**
deLemos RA, Roberts RJ, Coalson JJ, deLemos JA, Null DM Jr, Gerstmann DR. Toxic effects associated with the administration of deferoxamine in the premature baboon with hyaline membrane disease. Am J Dis Child 1990 Aug; 144(8):915–9
DeLeo VA see **Cohen PR**
De Leon DD, Bakker B, Wilson DM, Lamson G, Rosenfeld RG. Insulin-like growth factor binding proteins in human breast cancer cells: relationship to hIGFBP-2 and hIGFBP-3. J Clin Endocrinol Metab 1990 Aug;71(2):530–2
Deleuze P, Loisance DY, Besnainou F, Hillion ML, Aubry P, Bloch G, Cachera JP. Severe aortic stenosis in octogenarians: is operation an acceptable alternative? [see comments] Ann Thorac Surg 1990 Aug;50(2):226–9. Comment in: Ann Thorac Surg 1990 Aug;50(2):173–4.
de Ley L see **Welberg JW**
DeLisa JA see **Lee HJ**
Delitto A, Snyder-Mackler L. Muscle stimulators [letter] Arch Phys Med Rehabil 1990 Aug;71(9):711–2
Delitto A see **Tenhula JA**
Delius RE see **Hinshaw DB**
Delke I see **Minkoff HL**
Dell RB see **Kashyap S**
Della Puppa A, Dalla Torre L, Favretti L. The local anesthetic dose is an important issue in evaluation of effects of epidural analgesia in nulliparous women [letter] Am J Obstet Gynecol 1990 Aug;163(2):701–3
Dellinger EP see **Barie PS**
Dellinger RP. Fiberoptic bronchoscopy in adult airway management. Crit Care Med 1990 Aug;18(8):882–7
Dellon AL see **Ramirez OM**
Delman BN see **Pinto JT**
Delmonico FL see **Cosimi AB**
Delmonico RL see **Uveges JM**
del Nido PJ, Nakamura H, Jimenez E, Sarin M, Feinberg H, Levitsky S. The effect of cardiac hypertrophy on changes in cytosolic free calcium concentration during ischemia. Surgery 1990 Aug;108(2):312–6; discussion 316–7
Deloche A, Acar C, Jebara V, Fabiani JN, Carpentier A. Biatrial transseptal approach in case of difficult exposure to the mitral valve. Ann Thorac Surg 1990 Aug;50(2):318–9
Deloche A see **Jebara VA**
De Lorenzo RA, Mayer D, Geehr EC. Analyzing clinical case distributions to improve an emergency medicine clerkship. Ann Emerg Med 1990 Jul;19(7):746–51
deLorimier AA see **Crombleholme TM**
Delorme N see **Lesur O**
de los Santos-Sastre S, Barrot-Cortés E, Barragán-Marquez FL. Mesothelial cells and tuberculous pleuritis [letter] Chest 1990 Aug;98(2):518
DeLozier M see **Gutin B**
del Rio C see **Guarner J**
DelRossi AJ, Cernaianu AC, Vertrees RA, Wacker CJ, Fuller SJ, Cilley JH Jr, Baldino WA. Platelet-rich plasma reduces postoperative blood loss after cardiopulmonary bypass. J Thorac Cardiovasc Surg 1990 Aug;100(2):281–6
De Luca M see **Romagnoli G**
Deluca SA. Thoracic spine fractures. Am Fam Physician 1990 Aug;42(2):419–21
Deluty RH see **Haller RM**
Del Vecchio L see **Maio M**
Del Zompo M see **Bocchetta A**
Demant P see **Oudshoorn-Snoek M**
Demarest GB see **Chakerian MU**
Demarest GB, Osler TM, Clevenger FW. Injuries in the elderly: evaluation and initial response. Geriatrics 1990 Aug;45(8):36–8, 41–2 (17 ref.)
Demarest GB see **Osler TM**
DeMaria AN see **Clifton GD**
De Maria R see **Curiel P**
Demarquilly C see **Puchois P**
de Mascarel I, Trojani M, Eghbali H, Coindre JM, Bonichon F. Prognostic value of phenotyping by Ber-H2, Leu-M1, EMA in Hodgkin's disease. Arch Pathol Lab Med 1990 Sep;114(9):953–5
deMasters BK see **Wilson WB**
Dematons C see **Mayer JM**
DeMeester TR see **Stein HJ**
DeMeo KK see **Gerber MA**
Demers LM see **Kuhn DC**
Demetri GD see **Sharkis SJ**
Demetriades D, Charalambides C, Sareli P, Pantanowitz D. Late sequelae of penetrating cardiac injuries. Br J Surg 1990 Jul;77(7):813–4
Demetris AJ see **Starzl TE**
Demetris AJ see **Tzakis AG**
de Micco P see **Charpin D**
Demitrack MA, Putnam FW, Brewerton TD, Brandt HA, Gold PW. Relation of clinical variables to dissociative phenomena in eating disorders. Am J Psychiatry 1990 Sep; 147(9):1184–8
DeMonaco HJ. Intravenous drug compatibility [editorial; comment] Crit Care Med 1990 Aug;18(8):896. Comment on: Crit Care Med 1990 Aug;18(8):858–61.
De Monte LB see **Alessio M**
Dempsey DT, Mercer DW, Deb B, Sauter A, Ritchie WP Jr. Adaptive cytoprotection of gastric surface epithelial cells against injury by physiologic concentrations of bile acid. Surgery 1990 Aug;108(2):348–54; discussion 354–5
de Mulder PH see **van Klaveren RJ**
Demura T, Driscoll WJ, Strott CA. The nuclear conversion of pregnenolone to progesterone and subsequent binding to the nuclear progesterone-binding protein in the guinea pig adrenal cortex: a possible regulatory role for the pregnenolone-binding protein. Endocrinology 1990 Sep; 127(3):1114–20
De Muylder X, Laga M, Tennstedt C, Van Dyck E, Aelbers GN, Piot P. The role of Neisseria gonorrhoeae and Chlamydia trachomatis in pelvic inflammatory disease and its sequelae in Zimbabwe. J Infect Dis 1990 Aug; 162(2):501–5
den Hollander JA see **Luyten PR**
den Toom R see **Nijs HG**
de Nayer P see **Glinoer D**
Denbow CE, Fraser HS. Clinically significant hemorrhage due to warfarin-carbamazepine interaction. South Med J 1990 Aug;83(8):981
Dence CS see **Shelton ME**
Denef C see **Allaerts W**
Denef C see **Bauer K**
Deng MZ, Chen GQ, Phillips MR. Neuroleptic malignant syndrome in 12 of 9,792 Chinese inpatients exposed to neuroleptics: a prospective study. Am J Psychiatry 1990 Sep;147(9):1149–55
Deng YZ. Development of medical education in China. Acad Med 1990 Aug;65(8):512–4
Denham MJ, Lubel D. Peer review and services for elderly patients. BMJ 1990 Jun 23;300(6740):1635–6
DeNino LA see **Mulrow CD**
Denman WT, Hayes M, Higgins D, Wilkinson DJ. The Fenem CO2 detector device. An apparatus to prevent unnoticed oesophageal intubation. Anaesthesia 1990 Jun;45(6):465–7
Denning DW see **Kramer MR**
Denoroy L see **Morlé L**
Dent CW see **Dwyer KM**
Dent J see **Wyman JB**
Denton J see **Eastwood JB**
de Oliveira-Ferreira J, Lourenço-de-Oliveira R, Teva A, Deane LM, Daniel-Ribeiro CT. Natural malaria infections in anophelines in Rondonia State, Brazilian Amazon. Am J Trop Med Hyg 1990 Jul;43(1):6–10
de Onis M see **Villar J**
de Pablo F see **Serrano J**
de Pablo F see **Soler AP**
de Pasquale R see **Lucifora G**
De Pauw B see **De Witte T**
Depoortere I, Peeters TL, Vantrappen G. Development of motilin receptors and of motilin- and erythromycin-induced contractility in rabbits. Gastroenterology 1990 Sep;99(3):652–8
Deray G, Katlama C, Dohin E. Prevention of foscarnet nephrotoxicity [letter] Ann Intern Med 1990 Aug 15; 113(4):332
D'Ercole AJ see **Behringer RR**
D'Ercole AJ see **Davenport ML**
DeRemee RA see **Kalina PH**
Derenzo SE see **Valk PE**
Deresinski SC see **Kemper CA**
Dereymez CP see **Annat GJ**
Deriaud E see **Leclerc C**
Derlacki DJ see **Peachey NS**
de Roos WK see **Geelkerken RH**
Derouin F see **Grange F**
De Roy L see **Haissaguerre M**
de Ruyter AE see **Oosterhof GO**
Derynck R see **Ding A**
Des Jarlais DC see **Kreek MJ**
Des Jarlais DC see **Lee HH**
Desai A see **Lowry PA**
Desai A see **Mosley JG**
Desai D see **Watters JM**
Desai SM see **Salazar-Grueso EF**
DeSanto LW. Early supraglottic cancer. Ann Otol Rhinol Laryngol 1990 Aug;99(8):593–7
Desch LW, Anderson SK, Snow JH. Relationship of head circumference to measures of school performance. Clin Pediatr (Phila) 1990 Jul;29(7):389–92
Deschamps JP see **Teculescu DB**
Descoteaux A, Matlashewski G. Regulation of tumor necrosis factor gene expression and protein synthesis in murine macrophages treated with recombinant tumor necrosis factor. J Immunol 1990 Aug 1;145(3):846–53
Desenclos JC, Conti L, Junejo S, Klontz KC. A cluster of Edwardsiella tarda infection in a day-care center in Florida [letter] J Infect Dis 1990 Sep;162(3):782
Desertspring D see **Riegle EV**
Desgranges C see **Veyssier-Belot C**
deShazo RD, Butcher BT, Banks WA. Reactions to the stings of the imported fire ant. N Engl J Med 1990 Aug 16; 323(7):462–6 (45 ref.)
Deshpande JK see **Yaster M**
Desiderio DP see **Gatell JA**
Desilets DJ see **Johnstone PA**
Desir RM see **Feinstein SB**
De Smedt M see **Plum J**
De Smet AA, Fisher DR, Graf BK, Lange RH.

Osteochondritis dissecans of the knee: value of MR imaging in determining lesion stability and the presence of articular cartilage defects. AJR Am J Roentgenol 1990 Sep; 155(3):549–53
de Smet MD, Yamamoto JH, Mochizuki M, Gery I, Singh VK, Shinohara T, Wiggert B, Chader GJ, Nussenblatt RB. Cellular immune responses of patients with uveitis to retinal antigens and their fragments. Am J Ophthalmol 1990 Aug 15;110(2):135–42
DeSoignie R see Sellin JH
deSousa JS. Rectal gluten challenge and diagnosis of coeliac disease [letter] Lancet 1990 Aug 4;336(8710):323
De Souza V see Hussain SY
Dessypris EN see Means RT Jr
Destree M see Menitove JE
de-Thé G see Kazadi K
DeTore AW see Shulkin DJ
Detterbeck FC, Keagy BA, Paull DE, Wilcox BR. Oxygen free radical scavengers decrease reperfusion injury in lung transplantation. Ann Thorac Surg 1990 Aug;50(2):204–9; discussion 209–10
Deuel TF see Mustoe TA
D'Eustachio P see Shefner R
Deuster PA see Baska RS
Deutz-Terlouw PP see Bertina RM
Dev V, Shrivastava S. Echocardiographic diagnosis of unruptured aneurysm of the sinus of Valsalva dissecting into the ventricular septum. Am J Cardiol 1990 Aug 15; 66(4):502–3
Devane SP see Sokel BS
Devare SG see Salazar-Grueso EF
DeVault AR see Pan HY
de Vega MG see Guijarro Jorge R
Develoux M, Blanc L, Garba S, Mamoudou HD, Warter A, Ravisse P. Cutaneous leishmaniasis in Niger. Am J Trop Med Hyg 1990 Jul;43(1):29–30
Devergie A see Pol S
de Ville de Goyet J see Sokal EM
Devine LC see Grad R
Devine OJ see Buehler JW
De Vivo DC see Steinschneider M
Devlin HB see Campling EA
de Vries EG see Welberg JW
De Vroede MA, In' t Veld PA, Pipeleers DG. Deoxyribonucleic acid synthesis in cultured adult rat pancreatic B cells. Endocrinology 1990 Sep;127(3):1510–6
Dew MA, Ragni MV, Nimorwicz P. Infection with human immunodeficiency virus and vulnerability to psychiatric distress. A study of men with hemophilia. Arch Gen Psychiatry 1990 Aug;47(8):737–44
Dewar G, Chung SC, Li AK. Operative strategy in Mirizzi syndrome. Surg Gynecol Obstet 1990 Aug;171(2):157–9
Dewbury KC see Ayres RC
DeWeese JA see Ouriel K
Deweese RA see Goff WB 2d
De Wever I see Facchetti F
Dewhirst M see Sostman HD
DeWitt LD see Kaplan RF
DeWitt W see Moore PS
De Witte T, Muus P, De Pauw B, Haanen C. Intensive antileukemic treatment of patients younger than 65 years with myelodysplastic syndromes and secondary acute myelogenous leukemia. Cancer 1990 Sep 1;66(5):831–7
De Wolf Peeters C see Facchetti F
de Zegher F, Vanderschueren-Lodeweyckx M, Spitz B, Faijerson Y, Blomberg F, Beckers A, Heanen G, Frankenne F. Perinatal growth hormone (GH) physiology: effect of GH-releasing factor on maternal and fetal secretion of pituitary and placental GH. J Clin Endocrinol Metab 1990 Aug;71(2):520–2
De Ziegler D see Bardeguez AD
Dhabuwala CB, Hamid S, Katsikas DM, Pierce JM Jr. Impotence following delayed repair of prostatomembranous urethral disruption. J Urol 1990 Sep; 144(3):677–8
Dhillon DP see Lipworth BJ
Dhillon HK see Ransley PG
Diamantstein T see Kretschmer C
Diamond B see Shefner R
Diamond T, Dolan S, Thompson RL, Rowlands BJ. Development and reversal of endotoxemia and endotoxin-related death in obstructive jaundice. Surgery 1990 Aug;108(2):370–4; discussion 374–5
Dias JA see Vakharia DD
Dias JA see Weiner RS
Diaz D, Fabre I, Daujat M, Saint Aubert B, Bories P, Michel H, Maurel P. Omeprazole is an aryl hydrocarbon-like inducer of human hepatic cytochrome P450 [see comments] Gastroenterology 1990 Sep;99(3):737–47. Comment in: Gastroenterology 1990 Sep;99(3):885–9.
Diaz FG see Ausman JI
Diaz JH, Guarisco JL, LeJeune FE Jr. A modified tubular pharyngolaryngoscope for difficult pediatric laryngoscopy [letter] Anesthesiology 1990 Aug;73(2):357–8
Diaz M, Puente R, Treviño MA. Response of long-running Alternaria alternata infection to fluconazole [letter] Lancet 1990 Aug 25;336(8713):513
Diaz ML see Larralde C
Diaz-Arias AA see Marshall JB
Diaz-Espada F see Nieto MA
Di Bisceglie AM see Kaneko S
DiCarlo JV, Dudley TE, Sherbotie JR, Kaplan BS, Costarino AT. Continuous arteriovenous hemofiltration/dialysis improves pulmonary gas exchange in children with multiple organ system failure. Crit Care Med 1990 Aug; 18(8):822–6
Di Carlo V see Braga M
Dick C see Feinstein SB
Dick CJ see Einspahr KJ
Dick RF see Hunt HD
Dicke KA see Spinolo JA
Dickinson G see Patrick DM
Dickstein ES see Loeser WD
Dickstein ML see Jordan DA
Didier A see Miguères M
Dieckmann KP, Loy V. Re: Carcinoma in situ of the testis [letter] J Urol 1990 Aug;144(2 Pt 1):364
Diehl L see Hargis JB
Diehl V see Katay I
Dieleman L, Krinke UB. Chicken fat doesn't migrate [letter] N Engl J Med 1990 Sep 13;323(11):759
Diepersloot RJ, Kroes AC, Visser W, Jiwa NM, Rothbarth PH. Acute ulcerative proctocolitis associated with primary cytomegalovirus infection. Arch Intern Med 1990 Aug; 150(8):1749–51
Dieppe PA see Bamji AN
Dierdorf SF see Moorthy SS
Dietl J, Lippert TH. Critical comments on the treatment of tubal pregnancy with prostaglandins [letter] Am J Obstet Gynecol 1990 Aug;163(2):707–8
Dietz NM see Losasso T
Dietzek AM see Gupta SK
Dighiero G see Borche L
DiGiovanna TA see Kelen GD
Digregorio GJ see Horrow JC
Dikdan G see Anderson RJ
Dikman S see Venkataseshan VS
Dikman SH see Unger PD
Dikmen SS see Temkin NR
Dill W see Shaw FE Jr
Dillinger HW see Helistern A
Dillon HC see Silver HM
Dillon JC see Brown SE
Dillon MJ see Kennedy JD
Dillon MJ see Ransley PG
Dillon WP see Som PM
Dillon WP see Tien R
DiMaio-Hunter A see Notterman DA
DiMarchi R see Dohm GL
DiMario FJ Jr. Chronic subdural hematoma. Another babywalker-stairs related injury. Clin Pediatr (Phila) 1990 Jul;29(7):405–8
DiMauro S see Bonilla E
Di Michele V see Rossi A
Dimitri W see Aitken HA
Dimitry ES, Oskarsson T, Margara R, Winston RM. Heterotopic pregnancy associated with assisted reproductive technology [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):244–5
Dimmitt SB see Graham D
Dines G see Erickson RA
Ding A, Nathan CF, Graycar J, Derynck R, Stuehr DJ, Srimal S. Macrophage deactivating factor and transforming growth factors-beta 1 -beta 2 and -beta 3 inhibit induction of macrophage nitrogen oxide synthesis by IFN-gamma. J Immunol 1990 Aug 1;145(3):940–4
Dinshaw KA see Charak BS
Dinsmore BJ see Gefter WB
Dinwiddie R see Kennedy JD
Dire DJ see Hogan DE
Director E see Salomon GD
Dirr LY, Elster AD, Donofrio PD, Smith M. Evolution of brain MRI abnormalities in limbic encephalitis. Neurology 1990 Aug;40(8):1304–6
Dirren H see Brüssow H
Dische FE, Anderson VE, Keane SJ, Taube D, Bewick M, Parsons V. Incidence of thin membrane nephropathy: morphometric investigation of a population sample. J Clin Pathol 1990 Jun;43(6):457–60
DiSciascio G, Vetrovec GW, Lewis SA, Nath A, Cole SK, Edwards VL. Clinical and angiographic recurrence following PTCA for nonacute total occlusions: comparison of one- versus five-minute inflations. Am Heart J 1990 Sep;120(3):529–32
DiSciascio G see Nath A
DiSciascio G see Topaz O
Di Sciullo A, Bluet-Pajot MT, Mounier F, Oliver C, Schmidt B, Kordon C. Changes in anterior pituitary hormone levels after serotonin 1A receptor stimulation. Endocrinology 1990 Aug;127(2):567–72
DiSciullo AJ see Korn WT
Di Segni E, Beker B, Arbel Y, Bakst A, Dean H, Levi A, Kaplinsky E, Klein HO. Left ventricular pseudohypertrophy in pericardial effusion as a sign of cardiac tamponade. Am J Cardiol 1990 Aug 15; 66(4):508–11
DiSesa VJ see Minni F
Disiere J see Urschel HC Jr
di Silverio F see Caione P
Disler RS, Dover JS. Chronic localized herpes zoster in the acquired immunodeficiency syndrome [letter] [see comments] Arch Dermatol 1990 Aug;126(8):1105–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Ditesheim JA see Meredith JW
Diver DJ see Levine MJ
DiVeta J, Walker ML, Skibinski B. Relationship between performance of selected scapular muscles and scapular abduction in standing subjects [see comment] Phys Ther 1990 Aug;70(8):470–6; discussion 476–9. Comment on: Phys Ther 1990 Aug;70(8):467–9.
Di Virgilio F see Zanovello P
Dixon AK see Bishop NJ
Dixon D see Alexanian R
Dixon DO see Barlogie B
Dixon DW see Gunnar RM
Dixon LB see Martin LF
Dixon PJ see Boothroyd AE
Djang WT see Heinz ER
Djindjian M, Ayache P, Brugières P, Malapert D, Baudrimont M, Poirier J. Giant gangliocytic paraganglioma of the filum terminale. Case report. J Neurosurg 1990 Sep;73(3):459–61
Djindjian M, Lepresle E, Homs JB. Antibiotic prophylaxis during prolonged clean neurosurgery. Results of a randomized double-blind study using oxacillin. J Neurosurg 1990 Sep;73(3):383–6
Djorè D see Moore PS
Djukanovic R, Roche WR, Wilson JW, Beasley CR, Twentyman OP, Howarth RH, Holgate ST. Mucosal inflammation in asthma. Am Rev Respir Dis 1990 Aug; 142(2):434–57 (377 ref.)
Djurisic Z see Babic UU
Dobb G. Bretylium intoxication resembling clinical brain death—or did it? [letter] Crit Care Med 1990 Aug; 18(8):901–2
Dockery DW see Schwartz J
Dockery P see Graham RA
Dockter ME see Crowley WR
Dockter ME see Shah GV
Dodd GD, McLelland R. Breast disease programs and mammography training [letter] Am J Obstet Gynecol 1990 Aug;163(2):689–91
Dodds W. Is this a record? [letter] Br J Rheumatol 1990 Aug; 29(4):319–20
Dodds WG see Goldberg JM
Dodds WJ see Wyman JB
Dodo Y see Shibamoto Y
Dodson MG see Juneja SC
Dodwell D, Gurney H, Scarffe H, Abbas S. Treatment of a pancreatic tumour secreting parathyroid hormone related protein [letter] BMJ 1990 Jun 23;300(6740):1653
Doerrler WT see Krauss RM
Doershuk CF see Sheehan JP
Dofferhoff AS, Berendsen HH, v.d. Naalt J, Haaxma-Reiche H, Smit EF, Postmus PE. Decreased phenytoin level after carboplatin treatment [letter] Am J Med 1990 Aug; 89(2):247–8
Doherty MG. Abortion in patients with a liver mass [letter] South Med J 1990 Aug;83(8):982–3
Doherty RR see Birch CJ
Dohi S see Nishikawa T
Dohin E see Deray G
Dohm GL, Elton CW, Raju MS, Mooney ND, DiMarchi R, Pories WJ, Flickinger EG, Atkinson SM Jr, Caro JF. IGF-I—stimulated glucose transport in human skeletal muscle and IGF-I resistance in obesity and NIDDM. Diabetes 1990 Sep;39(9):1028–32
Dohmen C see Chantelau E
Doi M see Koike A
Doi S, Shifrin S, Santisteban P, Montali RJ, Schiller C, Bush M, Grollman EF. Familial goiter in bongo antelope (Tragelaphus eurycerus). Endocrinology 1990 Aug; 127(2):857–64
Doig R see Essex B
Dolan S see Diamond T
Dolan SA, Miller LH, Wellems TE. Evidence for a switching mechanism in the invasion of erythrocytes by Plasmodium falciparum. J Clin Invest 1990 Aug;86(2):618–24
Dolata J, Lindberg S, Mercke U. Histamine stimulation of mucociliary activity in the rabbit maxillary sinus. Ann Otol Rhinol Laryngol 1990 Aug;99(8):666–71
Dolezal J see Koller W
Dolgin M see Rubler S
Dolk H, Nevin NC. Down's syndrome and fertility in older women [letter] Lancet 1990 Aug 25;336(8713):511
Doll DC see Ringenberg QS
(Doll R), Doll R. Experiences of a battalion medical officer in the retreat to Dunkirk: IV. BMJ 1990 May 26; 300(6736):1385–7
(Doll R), Doll R. Experiences of a battalion medical officer in the retreat to Dunkirk: V. BMJ 1990 Jun 2; 300(6737):1449–52
Doll R. Experiences of a battalion medical officer in the retreat to Dunkirk: IV. BMJ 1990 May 26;300(6736):1385–7
Doll R. Experiences of a battalion medical officer in the retreat to Dunkirk: V. BMJ 1990 Jun 2;300(6737):1449–52
d'Olne D see Verhest A
Dolson DJ see Klimberg VS
Dolwick MF see Nitzan DW
Domenge C see Tellez-Bernal E
Domergue J, Veyrac M, Huin-Yan S, Rouanet P, Collet H, Michel H, Pujol H. pH monitoring for 24 hours of gastroesophageal reflux and gastric function after intrathoracic gastroplasty after esophagectomy. Surg Gynecol Obstet 1990 Aug;171(2):107–10
Domin J see O'Halloran DJ
Dominguez R see Goodman P

Dominic W see **Crum RL**
Domnick-Pierre K see **Williams AP**
Donaghy M see **Chalk CH**
Donahue RE see **Hammond WP**
Donaldson RM see **Horwitz RI**
Donati F see **Gill SS**
Done S see **Buetow PC**
Donker AJ see **Pool MO**
Donnan PT see **Marsh J**
Donnelly PK, Lavelle J, Carr-Locke D. Massive haemorrhage following endoscopic transgastric drainage of pancreatic pseudocyst. Br J Surg 1990 Jul;77(7):758–9
Donnelly PK see **Nicholson ML**
Donofrio PD see **Dirr LY**
Donoghue V see **Fitzgerald P**
Donohoue PA see **Gearhart JP**
Donohue JP, Foster RS, Rowland RG, Bihrle R, Jones J, Geier G. Nerve-sparing retroperitoneal lymphadenectomy with preservation of ejaculation. J Urol 1990 Aug;144(2 Pt 1):287–91; discussion 291–2
Donovan KL, Peters J. Vegetableburger allergy: all was nut as it appeared. BMJ 1990 May 26;300(6736):1378
Donovan M see **Bookstein L**
Donvito V see **Maina A**
Doraiswamy PM see **Lurie SN**
Doran J see **Fellows IW**
Dorey F see **deKernion JB**
Dorey FJ see **Davlin LB**
Dorey FJ see **Kody MH**
Dorf ME see **Kuchroo VK**
Dorfman SF. Maternal mortality in New York City, 1981–1983. Obstet Gynecol 1990 Sep;76(3 Pt 1):317–23
Dorman A, Graham D, Curran B, Henry K, Leader M. Ploidy of smooth muscle tumours: retrospective image analysis study of formalin fixed, paraffin wax embedded tissue. J Clin Pathol 1990 Jun;43(6):465–8
Dorman JS see **Orchard TJ**
Dorrington JH see **Bendell JJ**
Dorrington KJ see **Rinfret A**
Dorrington L see **Steadman C**
Dorta M see **Fedele L**
Dortmans RJ see **Ben-Tovim DI**
Dostal-Johnson D see **Rote NS**
Dottorini ML see **Tantucci C**
Doty DB. Invited letter concerning: inferior vena cava-pulmonary artery extracardiac conduit [letter; comment] J Thorac Cardiovasc Surg 1990 Aug; 100(2):313–4. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):228–32.
Dougherty C see **Flancbaum L**
Dougherty MF, Wittsten AB, Guarino MA. Promoting low-fat foods in the supermarket using various methods, including videocassettes. J Am Diet Assoc 1990 Aug; 90(8):1106–8
Doughton BW see **Clarke IJ**
Doughty A. Walter Stoeckel (1871–1961). A pioneer of regional analgesia in obstetrics. Anaesthesia 1990 Jun; 45(6):468–71
Douglas JM Jr, Swain ME, Slotkin TA, Smith PK, Cox JL. Cryosurgical denervation of the heart: acute and chronic effects. J Thorac Cardiovasc Surg 1990 Aug;100(2):198–209
Douglas RG, Humberstone DA, Haystead A, Shaw JH. Metabolic effects of recombinant human growth hormone: isotopic studies in the postabsorptive state and during total parenteral nutrition. Br J Surg 1990 Jul;77(7):785–90
Douglas SD see **Wilmott RW**
Doukas J, Pober JS. Lymphocyte-mediated activation of cultured endothelial cells (EC). CD4+ T cells inhibit EC class II MHC expression despite secreting IFN-gamma and increasing EC class I MHC and intercellular adhesion molecule-1 expression. J Immunol 1990 Aug 15; 145(4):1088–98
Dove J see **Swain A**
Dover JS see **Disler RS**
Dowd GS see **Volpin G**
Dowd JB, Smith JJ 3d. Balloon dilatation of the prostate. Urol Clin North Am 1990 Aug;17(3):671–7
Dowling BL see **Studley JG**
Dowling R, Lafferty LJ, Norton C. The management component of our profession. J Am Diet Assoc 1990 Aug; 90(8):1065–6
Dowling RD, Zenati M, Burckart GJ, Yousem SA, Schaper M, Simmons RL, Hardesty RL, Griffith BP. Aerosolized cyclosporine as single-agent immunotherapy in canine lung allografts. Surgery 1990 Aug;108(2):198–204; discussion 204–5
Downer SM see **Slevin ML**
Downey DJ see **Osler TM**
Downey JM see **Cohen MV**
Downs J, Dahmer SK, Battle AO. Multiple personality disorder in India [letter] Am J Psychiatry 1990 Sep; 147(9):1260–1
Downs JM, Dahmer SK. Fluoxetine and elevated plasma levels of tricyclic antidepressants [letter] Am J Psychiatry 1990 Sep;147(9):1251
Downs TR see **Kashio Y**
Downton J see **Wyman JB**
Dowsett JF, Polydorou AA, Vaira D, D'Anna LM, Ashraf M, Croker J, Salmon PR, Russell RC, Hatfield AR. Needle knife papillotomy: how safe and how effective? Gut 1990 Aug;31(8):905–8
Dowsett RJ, Fowble B. Radiotherapy for acromegaly [letter] N Engl J Med 1990 Aug 30;323(9):612–3
Doyle DJ, Volgyesi GA. Design and evaluation of a new respiratory monitor [letter] Anaesthesia 1990 Jun; 45(6):492–3
Doyle JT see **Ferrick KJ**
Doyon D see **Sigal R**
Doze VA, Chen BX, Tinklenberg JA, Segal IS, Maze M. Pertussis toxin and 4-aminopyridine differentially affect the hypnotic-anesthetic action of dexmedetomidine and pentobarbital. Anesthesiology 1990 Aug;73(2):304–7
Drabick JJ, Duffy PE, Samlaska CP, Scherbenske JM. Disseminated Mycobacterium chelonae subspecies chelonae infection with cutaneous and osseous manifestations. Arch Dermatol 1990 Aug;126(8):1064–7 (15 ref.)
Drachman DA, O'Donnell BF, Lew RA, Swearer JM. The prognosis in Alzheimer's disease. 'How far' rather than 'how fast' best predicts the course. Arch Neurol 1990 Aug; 47(8):851–6
Drake RF see **Yap AS**
Dramaix M see **Kornreich F**
Drascher G see **Pecoraro JP**
Drash AL see **Orchard TJ**
Dratwa M see **Collart F**
Drejer K see **Ribel U**
Dresler CM, Patterson GA, Taylor BR, Moote DJ. Complete foregut duplication. Ann Thorac Surg 1990 Aug; 50(2):306–8
Dressler FA see **Hilton TC**
Drexhage HA see **Berghout A**
Drezner MK see **Nesbitt T**
Driessen JJ, Eerens JM, van Hoonacker G. Problem with the Vapor vaporizer [letter] Anaesthesia 1990 Jul;45(7):597
Driscoll WJ see **Demura T**
Driss F see **Pol S**
Droegemueller W see **Herbert WN**
Droller MJ see **Weiss RE**
Droste S, FitzSimmons J, Pascoe-Mason J, Shepard TH. Growth of linear parameters in trisomy 18 fetuses. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):158–61
Droy JM see **Galerneau V**
Druce HM, Schumacher MJ. Nasal provocation challenge. The Committee on Upper Airway Allergy. J Allergy Clin Immunol 1990 Aug;86(2):261–4 (25 ref.)
Druilhe P see **Londoño JA**
Druker B see **Kanakura Y**
Drummond G see **Berglund L**
Drusano GL see **Gitterman SR**
Druzin ML see **Ales KL**
du Toit G see **Travlos J**
Dubarry M, Luilier M, Malot N, Bayard P, Lambin P, Prou O, Monjour L. Enzyme immunoassays for detection of malarial antigens in human plasmas by Plasmodium falciparum monoclonal antibodies. Am J Trop Med Hyg 1990 Aug;43(2):116–23
Dubeau L see **Weiss RE**
Dubeaux C see **Londoño JA**
Dubey AK see **Hannah JS**
Dubin SB see **Hong AS**
Dubois B see **Vidailhet MJ**
Dubois C see **Cabrol D**
Dubois DR see **Hoke CH Jr**
Dubois DR see **Marchette NJ**
DuBois J see **Chandhoke PS**
DuBois JB, Hay M, Bordure G. Superficial microwave-induced hyperthermia in the treatment of chest wall recurrences in breast cancer. Cancer 1990 Sep 1; 66(5):848–52
Dubois-Randé JL see **Geschwind HJ**
Dubost JJ see **Colamarino R**
Dubowitz H. Pediatrician's role in preventing child maltreatment. Pediatr Clin North Am 1990 Aug; 37(4):989–1002 (52 ref.)
Duchier J see **Lefrançois P**
Duck SC see **Allen DB**
Duckett JW see **Elder JS**
Duckett JW see **Keating MA**
Duckworth AS, Duckworth GW, Henderson G, Contreras G. Zidovudine with probenecid [letter] Lancet 1990 Aug 18; 336(8712):441
Duckworth GW see **Duckworth AS**
Duckworth T see **Stockley I**
Ducore JM see **Jonsson OG**
Dudley AG see **Rothman PA**
Dudley DJ see **Branch DW**
Dudley DK see **Garner PR**
Dudley HA see **Paterson-Brown S**
Dudley TE see **DiCarlo JV**
Dueland AN see **Mahalingam R**
Duerinckx AJ, Grant EG, Perrella RR, Szeto A, Tessler FN. The pulsatile portal vein in cases of congestive heart failure: correlation of duplex Doppler findings with right atrial pressures. Radiology 1990 Sep;176(3):655–8
Dufau ML see **Fabbri A**
Duff DF see **Cullen S**
Duff P see **Carlson C**
Duff P, Harlass FE, Milligan DA. Prenatal diagnosis of chondrodysplasia punctata by sonography. Obstet Gynecol 1990 Sep;76(3 Pt 2):497–500
Duff TA. Management of cervical spine fractures [letter] J Neurosurg 1990 Sep;73(3):478–9
Duffner LR, Pflugfelder SC, Mandelbaum S, Childress LL. Potential bacterial contamination in fluorescein-anesthetic solutions. Am J Ophthalmol 1990 Aug 15;110(2):199–202
Duffy FH see **Albert MS**
Duffy PE see **Drabick JJ**
Duffy PG see **Ransley PG**
Dugdale DC, Ramsey PG. Staphylococcus aureus bacteremia in patients with Hickman catheters. Am J Med 1990 Aug; 89(2):137–41
Dugel PU, Rao NA, Forster DJ, Chong LP, Frangieh GT, Sattler F. Pneumocystis carinii choroiditis after long-term aerosolized pentamidine therapy. Am J Ophthalmol 1990 Aug 15;110(2):113–7
Duggan MA, Inoue M, McGregor SE, Gabos S, Nation JG, Robertson DI, Stuart GC. Nonisotopic human papillomavirus DNA typing of cervical smears obtained at the initial colposcopic examination. Cancer 1990 Aug 15;66(4):745–51
Duguid WP see **Rosenberg L**
Duhamel D see **Métroz-Dayer MD**
Dujovne CA, Harris WS. Variabilities in serum lipid measurements. Do they impede proper diagnosis and treatment of dyslipidemia? [comment] Arch Intern Med 1990 Aug;150(8):1583–5. Comment on: Arch Intern Med 1990 Aug;150(8):1645–8. Comment on: Arch Intern Med 1990 Aug;150(8):1653–7.
Dujovne CA see **Harris WS**
Dujovny M see **Ausman JI**
Dulit RA, Fyer MR, Haas GL, Sullivan T, Frances AJ. Substance use in borderline personality disorder. Am J Psychiatry 1990 Aug;147(8):1002–7
Dull DL see **Murray DJ**
Dumesnil JG, Honos GN, Lemieux M, Beauchemin J. Validation and applications of indexed aortic prosthetic valve areas calculated by Doppler echocardiography. J Am Coll Cardiol 1990 Sep;16(3):637–43
Dumur V, Gervais R, Rigot JM, Lafitte JJ, Manouvrier S, Biserte J, Mazeman E, Roussel P. Abnormal distribution of CF delta F508 allele in azoospermic men with congenital aplasia of epididymis and vas deferens [letter] Lancet 1990 Aug 25;336(8713):512
Dunbar BS see **Moore KH**
Dunbar CE see **Brandt SJ**
Duncan JM see **Lammermeier DE**
Duncan WC, Fenske NA. Cutaneous signs of internal disease in the elderly. Geriatrics 1990 Aug;45(8):24–30 (18 ref.)
Duncombe VM see **Khin-Maung-U**
Dunham WK see **Jaffe KA**
Dunlap DB see **Smitherman MH**
Dunn EC see **Gordon T**
Dunn LK. Fetal heart rate monitoring during cesarean section [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):253
Dunn MI see **Hawkins JW**
Dunn PM. Charles-Michel Billard (1800–1832): pioneer of neonatal medicine. Arch Dis Child 1990 Jul;65(7 Spec No):711–2
Dunnigan MG. Prevention of coronary heart disease in Scotland [letter] BMJ 1990 Jun 16;300(6739):1583
Dunning AJ see **van Montfrans GA**
Dunnington G, Witzke D, Hassett J, Reisner L, Fulginiti J, Rubeck R. Test performance of a local examination at a nonlocal site for evaluation of surgical clerks. Surgery 1990 Aug;108(2):236–9
Dupaigne D see **Gris JC**
Dupon M see **Kossaifi T**
Dupont E, Zhao HF, Rhéaume E, Simard J, Luu-The V, Labrie F, Pelletier G. Localization of 3 beta-hydroxysteroid dehydrogenase/delta 5-delta 4-isomerase in rat gonads and adrenal glands by immunocytochemistry and in situ hybridization. Endocrinology 1990 Sep;127(3):1394–403
DuPont HL see **Johnson PC**
DuPont RL, Bogema SC. Benzodiazepines in a health-catalog product [letter] JAMA 1990 Aug 8;264(6):695
Dupuis J, Lalonde G, Lebeau R, Bichet D, Rouleau JL. Sustained beneficial effect of a seventy-two hour intravenous infusion of nitroglycerin in patients with severe chronic congestive heart failure. Am Heart J 1990 Sep; 120(3):625–37
Dupuy d'Angeac A see **Miossec P**
Duraj V see **Ljungman P**
Durand A see **Albanese J**
Duranti R see **Gorini M**
Durishin M see **Choi CH**
Durukan T, Urman B, Yarali H, Arikan U, Beykal O. An abdominal pregnancy 10 years after treatment for pelvic tuberculosis. Am J Obstet Gynecol 1990 Aug;163(2):594–5
Dusheiko GM, Smith M, Scheuer PJ. Hepatitis C virus transmitted by human bite [letter] Lancet 1990 Aug 25; 336(8713):503–4
Dussaule JC, Nitenberg A, Tavolaro O, Benvenuti C, Loisance D, Castaigne A, Cachera JP, Ardaillou R. Effect of plasma volume expansion on hemodynamics and atrial natriuretic factor release in heart-transplant recipients. Am J Cardiol 1990 Aug 15;66(4):477–83
Dussault R see **Poulin de Courval L**
Dussault RG, Lander PH. Imaging of the facet joints. Radiol Clin North Am 1990 Sep;28(5):1033–53 (124 ref.)
Dustin ML see **Johnston SC**
Dutt S see **Raju KG**
Dutta P see **Pinto JT**
Duvall AJ 3d see **Sakagami M**
Duvall TB see **Tawes RL Jr**
Duvic M see **Goldstein R**

Dwivedi M see **Misra SP**
Dworkin RH, Green SR, Small NE, Warner ML, Cornblatt BA, Erlenmeyer-Kimling L. Positive and negative symptoms and social competence in adolescents at risk for schizophrenia and affective disorder. Am J Psychiatry 1990 Sep;147(9):1234–6
Dwyer A see **Koch KL**
Dwyer B see **Sexton DJ**
Dwyer KM, Richardson JL, Danley KL, Hansen WB, Sussman SY, Brannon B, Dent CW, Johnson CA, Flay BR. Characteristics of eighth-grade students who initiate self-care in elementary and junior high school. Pediatrics 1990 Sep;86(3):448–54
Dwyer N see **Stirrat GM**
Dwyer SJ 3d see **Cox GG**
Dy M see **Lebel B**
Dyck RF see **Baltzan MA**
Dye DJ see **Read MS**
Dyer RA, Anderson BJ, Michell WL, Hall JM. Postoperative pain control with a continuous infusion of epidural sufentanil in the intensive care unit: a comparison with epidural morphine. Anesth Analg 1990 Aug;71(2):130–6
Dyer S see **Meade TW**
Dykes JR 2d see **Gabig TG**
Dykewicz MS see **Orfan N**
Dykewicz MS see **Patterson R**
Dylewski J, Thibert L. Failure of tuberculosis chemotherapy in a human immunodeficiency virus-infected patient [letter] J Infect Dis 1990 Sep;162(3):778–9
Dyson DC see **Ferguson JE 2d**
Dyson R. Pay and conditions for NHS staff [editorial] BMJ 1990 Jun 16;300(6739):1535–6
Dziewulski P, Jones BM. Split skin grafting in children with immune deficiencies. BMJ 1990 Jun 2;300(6737):1439–40

E

Eagle KA see **Barsky AJ**
Eagle KA, Mulley AG, Skates SJ, Reder VA, Nicholson BW, Sexton JO, Barnett GO, Thibault GE. Length of stay in the intensive care unit. Effects of practice guidelines and feedback. JAMA 1990 Aug 22–29;264(8):992–7
Eagle KA see **Levinson JR**
Earle CM see **Tiong JT**
Earle JD see **Garton GR**
Earle JD see **Smalley SR**
Earley A, Valman HB, Altman DG, Pippard MJ. Microcytosis, iron deficiency, and thalassaemia in preschool children. Arch Dis Child 1990 Jun;65(6):610–4
Earnest K see **Jaffe GJ**
Easley AR Jr see **Rogers JG**
Easley MW. The status of community water fluoridation in the United States. Public Health Rep 1990 Jul–Aug; 105(4):348–53
East TD see **Boehm SH**
Eastham EJ see **Murphy MS**
Eastridge BJ see **Burgess AR**
Eastwood JB, Levin GE, Pazianas M, Taylor AP, Denton J, Freemont AJ. Aluminium deposition in bone after contamination of drinking water supply. Lancet 1990 Aug 25;336(8713):462–4
Eaves AC see **Barnett MJ**
Eberhart RC see **Taylor AL**
Ebersold MJ see **Murphy KP**
Ebert PA. Methods for evaluation of medical care other than credentialing. Cost, experience, and results. Clin Orthop 1990 Aug;(257):64–6
Ebihara T, Fukao K, Koyama S. Functional and phenotypic characteristics of recombinant interleukin-2 or T-cell growth factor-activated splenic lymphoid cells from patients with gastric or hepatocellular carcinoma. Cancer 1990 Sep 1;66(5):923–9
Ebmeier KP, Calder SA, Crawford JR, Stewart L, Besson JA, Mutch WJ. Clinical features predicting dementia in idiopathic Parkinson's disease: a follow-up study. Neurology 1990 Aug;40(8):1222–4
Eby NL see **Lavey RS**
Echevarria JM, Téllez A, Martínez-Martín P. Subclass distribution of the serum and intrathecal IgG antibody response in varicella-zoster virus infections. J Infect Dis 1990 Sep;162(3):621–6
Echevarria S see **Casafont F**
Echeverria P see **Sethabutr O**
Eckardt GS see **Jonas HA**
Eckels KH see **Hoke CH Jr**
Eckels KH see **Marchette NJ**
Eckhardt WF. Anesthetics in the ED [letter] Ann Emerg Med 1990 Jul;19(7):839–40
Economides DL, Nicolaides KH, Campbell S. Relation between maternal-to-fetal blood glucose gradient and uterine and umbilical Doppler blood flow measurements. Br J Obstet Gynaecol 1990 Jun;97(6):543–4
Eddie LW, Cameron IT, Leeton JF, Healy DL, Renou P. Ovarian relaxin is not essential for dilatation of cervix [letter] Lancet 1990 Jul 28;336(8709):243
Eddleston AL see **Sheron N**
Eddy AC, Rusch VW, Fligner CL, Reay DT, Rice CL. The epidemiology of traumatic rupture of the thoracic aorta in children: a 13-year review. J Trauma 1990 Aug; 30(8):989–91; discussion 991–2
Eddy DM. Screening for colorectal cancer [see comments] Ann Intern Med 1990 Sep 1;113(5):373–84 (39 ref.). Comment in: Ann Intern Med 1990 Sep 1;113(5):338–40.
Eddy DM. Screening for cervical cancer. Ann Intern Med 1990 Aug 1;113(3):214–26 (69 ref.)
Eddy DM. Clinical decision making: from theory to practice. What do we do about costs? JAMA 1990 Sep 5;264(9):1161, 1165, 1169–70
Edebo L see **Mattsby-Baltzer I**
Edelhauser HF see **Breebaart AC**
Edelhauser HF see **Nuyts RM**
Edelman SV, Laakso M, Wallace P, Brechtel G, Olefsky JM, Baron AD. Kinetics of insulin-mediated and non-insulin-mediated glucose uptake in humans. Diabetes 1990 Aug;39(8):955–64
Edelman SV see **Laakso M**
Edelstein H see **Chirurgi VA**
Edelstein S see **Miller A**
Eder M see **Ganser A**
Edge SB see **de Lange EE**
Edinger K see **Mittler RS**
Edmiston CE Jr, Walker AP, Krepel CJ, Gohr C. The nonpuerperal breast infection: aerobic and anaerobic microbial recovery from acute and chronic disease. J Infect Dis 1990 Sep;162(3):695–9
Edmiston WA see **Rashtian MY**
Edmonson AS. Recertification. One orthopedic surgeon's view. Clin Orthop 1990 Aug;(257):35–7
Edmonson JH see **Borden EC**
Edmunds LH Jr. Uncomfortable issues [editorial; comment] Ann Thorac Surg 1990 Aug;50(2):173–4. Comment on: Ann Thorac Surg 1990 Aug;50(2):226–9.
Edmunds LH Jr see **Bavaria JE**
Edney J see **Haire WD**
Edwards C see **Capewell S**
Edwards CR, Teelucksingh S. Glycyrrhetinic acid and potentiation of hydrocortisone activity in skin [letter] Lancet 1990 Aug 4;336(8710):322–3
Edwards CR see **Moisan MP**
Edwards IR see **Elliott GS**
Edwards J see **Kushner RF**
Edwards J. Lasers in gynecology. Nurs Clin North Am 1990 Sep;25(3):673–84 (1 ref.)
Edwards JC see **Wilkinson LS**
Edwards JD see **Clarke C**
Edwards L, Tucker SB, Perednia D, Smiles KA, Taylor EL, Tanner DJ, Peets E. The effect of an intralesional sustained-release formulation of interferon alfa-2b on basal cell carcinomas. Arch Dermatol 1990 Aug;126(8):1029–32
Edwards M, Serrao JM, Gent JP, Goodchild CS. On the mechanism by which midazolam causes spinally mediated analgesia. Anesthesiology 1990 Aug;73(2):273–7
Edwards MK see **Jackson JM**
Edwards MS see **Smith CL**
Edwards RR, Little WC. Coronary collaterals in acute myocardial infarction without underlying coronary stenosis. Am Heart J 1990 Aug;120(2):424–7
Edwards VL see **DiSciascio G**
Edworthy SM see **Arend WP**
Edworthy SM see **Bloch DA**
Edworthy SM see **Calabrese LH**
Edworthy SM see **Hunder GG**
Edworthy SM see **Masi AT**
Edworthy SM see **Mills JA**
Eerens JM see **Driessen JJ**
Efron DT see **Barbul A**
Efron G see **Barbul A**
Egan RW see **Gulbenkian AR**
Egarter C. The complex nature of egg transport through the oviduct [letter] Am J Obstet Gynecol 1990 Aug; 163(2):687–8
Egen NB see **Schumacher MJ**
Eger EI 2d see **Weiskopf RB**
Eggers GW Jr see **Worth ER**
Eghbali H see **de Mascarel I**
Egorin MJ see **Gitterman SR**
Eguaras MG, Luque I, Montero A, García MA, Calleja F, Román M, Concha M, Ocerín JM. A comparison of repair and replacement for mitral stenosis with partially calcified valve. J Thorac Cardiovasc Surg 1990 Aug;100(2):161–6
Egwang TG, Kazura JW. The BALB/c mouse as a model for immunological studies of microfilariae-induced pulmonary eosinophilia. Am J Trop Med Hyg 1990 Jul; 43(1):61–6
Ehrhart-Bornstein M see **Bornstein SR**
Ehringer H see **Koppensteiner R**
Ehrlich RM see **Koo AS**
Ehrlich RM see **Pascual JA**
Eicher SA, Coker NJ, Alford BR, Igarashi M, Smith RJ. A comparative study of the fallopian canal at the meatal foramen and labyrinthine segment in young children and adults. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1030–5
Eichhorn EJ, Bedotto JB, Malloy CR, Hatfield BA, Deitchman D, Brown M, Willard JE, Grayburn PA. Effect of beta-adrenergic blockade on myocardial function and energetics in congestive heart failure. Improvements in hemodynamic, contractile, and diastolic performance with bucindolol. Circulation 1990 Aug;82(2):473–83
Eichhorn EJ see **Taylor AL**
Eichmann K see **Yachelini P**
Eick JD, Bear L, Cobb CM, Mosby EL, Hiatt WR. Mechanical behavior of mandibular continuity defects reconstructed using combinations of hydroxylapatite and autogenous bone. J Oral Maxillofac Surg 1990 Aug; 48(8):823–30
Eidelberg E see **Tullous MW**
Eidelman DH see **Sapienza S**
Eijk P see **van Alphen L**
Einarsson K see **Berglund L**
Einspahr KJ, Abraham RT, Dick CJ, Leibson PJ. Protein tyrosine phosphorylation and p56lck modification in IL-2 or phorbol ester-activated human natural killer cells. J Immunol 1990 Sep 1;145(5):1490–7
Einzig MJ see **Wheeler WB**
Eisen A see **Snow BJ**
Eisen S see **Henderson WG**
Eisenbarth GS see **Lipes MA**
Eisenberg AD see **Moore DE**
Eisenberg M, Cummins RO, Larsen MP. Cardiopulmonary resuscitation in the elderly [letter] Ann Intern Med 1990 Sep 1;113(5):408–9
Eisenberg PR see **Goldstein JA**
Eisenberg RJ see **Harris SL**
Eisenberg RL see **Parvey HR**
Eisenbud DE, Brener BJ, Shoenfeld R, Creighton D, Goldenkranz RJ, Brief DK, Alpert J, Huston J, Novick A, Krishnan UR. Treatment of acute vascular occlusions with intra-arterial urokinase. Am J Surg 1990 Aug; 160(2):160–4; discussion 164–5
Eisenthal S, Koopman C, Stoeckle JD. The nature of patients' requests for physicians' help. Acad Med 1990 Jun; 65(6):401–5
Eiser N. Desensitisation today. BMJ 1990 Jun 2; 300(6737):1412–3 (23 ref.)
Eisman JA see **Kelly PJ**
Eltrem R, Vene S, Niklasson B. Incidence of sand fly fever among Swedish United Nations soldiers on Cyprus during 1985. Am J Trop Med Hyg 1990 Aug;43(2):207–11
Eizaguirre B see **Lopez II**
Ejiri M see **Fujita M**
Ejiri M see **Miwa K**
Ekberg O see **Feinberg MJ**
Ekelund A see **Nilsson OS**
Ekelund LG see **Sheps DS**
Ekelund M see **Axelson J**
Eklund EA see **Gabig TG**
Ekman EF see **Sonies BC**
Ekman P see **Schalling M**
Ekstrom D, Quade D, Golden RN. Statistical analysis of repeated measures in psychiatric research [see comments] Arch Gen Psychiatry 1990 Aug;47(8):770–2. Comment in: Arch Gen Psychiatry 1990 Aug;47(8):775–8.
Ekstrom JE see **Liddell RM**
Ekström L see **Johansson SR**
Elashoff R see **Fawzy FI**
Elbourne D, Grant A. Study results vary in count-to-10 method of fetal movement screening [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):264–5
Eldar M see **Leor J**
Elder GH see **Seymour DG**
Elder JS. Periurethral and puboprostatic sling repair for incontinence in patients with myelodysplasia. J Urol 1990 Aug;144(2 Pt 2):434–7; discussion 443–4
Elder JS, O'Grady JP, Ashmead G, Duckett JW, Philipson E. Evaluation of fetal renal function: unreliability of fetal urinary electrolytes. J Urol 1990 Aug;144(2 Pt 2):574–8; discussion 593–4
Elder MG see **Bennett PR**
Elema JD see **Tervaert JW**
Elewski B. Does pityrosporum ovale have a role in psoriasis? [letter] Arch Dermatol 1990 Aug;126(8):1111–2
Elfes C see **Wheeler T**
Elgee NJ. Norman Cousins' sick laughter redux. Arch Intern Med 1990 Aug;150(8):1588
Eliachar I, Kraus DH, Bergfeld WF, Tucker HM. Prevention of hair growth in myocutaneous flap reconstruction. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):923–7
Elias AN, Varizi ND. Plasma atrial arginine vasopressin levels vary little between preeclamptic and control patients [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):245
Elias E see **Franklin IM**
Elias L see **Fanelli-Kuczmarski MT**
Elias-Baker BA see **Jacob P 3d**
Elidan J, Shochina M, Gonen B, Gay I. Manometry and electromyography of the pharyngeal muscles in patients with dysphagia. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):910–3
Elie-Legrand MC see **Levesque H**
Eliopulos D see **Hynd GW**
Elizaga J see **Garcia-Dorado D**
Elkins M see **Stanek EJ 3d**
Ellerbroek NA see **Li W**
Ellicott A, Hammen C, Gitlin M, Brown G, Jamison K. Life events and the course of bipolar disorder. Am J Psychiatry 1990 Sep;147(9):1194–8
Ellinwood EH Jr see **Lurie SN**
Elliot DL, Hickam DH. Use of the T-ACE questions to detect risk-drinking [letter] Am J Obstet Gynecol 1990 Aug;163(2):684–5
Elliott GS, Mason RW, Edwards IR. Studies on the pharmacokinetics and mutagenic potential of rhodamine B. J Toxicol Clin Toxicol 1990;28(1):45–59
Elliott JP Jr see **Reddy DJ**
Elliott LF see **Hartrampf CR Jr**
Elliott MA. A piece of my mind. An elemental education.

JAMA 1990 Aug 22-29;264(8):1051
Ellis CN see **Watkins PB**
Ellis D see **Orchard TJ**
Ellis GL, Melton J, Filkins K. Viral infections during pregnancy: a guide for the emergency physician. Ann Emerg Med 1990 Jul;19(7):802-11 (96 ref.)
Ellis J see **Ahmed F**
Ellis ME, Tharpe W. Red man syndrome associated with amphotericin B. BMJ 1990 Jun 2;300(6737):1468
Ellis SG see **Williams DO**
Ellison G see **Yates DW**
Ellison PS Jr see **Burgess AR**
Ellison TS see **Burgess AR**
Ellrodt AG see **Weingarten S**
Elman MJ see **Quinlan PM**
Elmslie TJ see **Squires BP**
Elner SG, Elner VM, Arnall M, Albert DM. Ocular and associated systemic findings in suspected child abuse. A necropsy study. Arch Ophthalmol 1990 Aug; 108(8):1094-101
Elner VM see **Elner SG**
Elsbach P see **Mannion BA**
Elson JJ see **Bonnet CA**
Elson JJ see **Fogoros RN**
Elstein ID see **Marx GF**
Elster AD see **Dirr LY**
Eltoft CS see **Kane MT**
Elton CW see **Dohm GL**
Elvin A, Andersson T, Scheibenpflug L, Lindgren PG. Biopsy of the pancreas with a biopsy gun [see comments] Radiology 1990 Sep;176(3):677-9. Comment in: Radiology 1990 Sep;176(3):615-6.
Elwood JM. Fenoterol and fatal asthma [letter] Lancet 1990 Aug 18;336(8712):436-7
Elzenga NJ see **Kaulitz R**
Elzenga NJ see **Stümper OF**
Emanuelsson H see **Johansson SR**
Embury SH, Kropp GL, Stanton TS, Warren TC, Cornett PA, Chehab FF. Detection of the hemoglobin E mutation using the color complementation assay: application to complex genotyping. Blood 1990 Aug 1;76(3):619-23
Emerson R see **Steinschneider M**
Emerson SG see **Fishel RS**
Emlen JW see **McDermott MT**
Emre A see **Tuzcu EM**
Emtestam L see **Berglund L**
Enblad G, Enblad P, Adami HO, Glimelius B, Krusemo U, Påhlman L. Relationship between age and survival in cancer of the colon and rectum with special reference to patients less than 40 years of age. Br J Surg 1990 Jun; 77(6):611-6
Enblad P, Adami HO, Glimelius B, Krusemo U, Påhlman L. The risk of subsequent primary malignant diseases after cancers of the colon and rectum. A nationwide cohort study. Cancer 1990 May 1;65(9):2091-100
Enblad P see **Enblad G**
Endicott JE see **Mulrow CD**
Endo F see **Kitano A**
Eng RH, Lynch AM, Smith SM, Ambros RA, Fan-Havard P, Mangia A, Tecson-Tumang F, Cherubin C. Imipenem resistance in a case of AIDS with relapsing Pseudomonas meningitis. South Med J 1990 Aug;83(8):979-80
Engel WK see **Kobayashi T**
Engel WK, Hanna CJ, Misra AK. HTLV-I-associated myelopathy [letter] N Engl J Med 1990 Aug 23;323(8):552
Engelborghs Y see **Allaerts W**
Enger C see **Quinlan PM**
Engeset J see **Naylor AR**
Engh CA, Massin P, Suthers KE. Roentgenographic assessment of the biologic fixation of porous-surfaced femoral components. Clin Orthop 1990 Aug;(257):107-28
Engle MA see **Bharati S**
Engler H see **Kasper W**
English A. Treating adolescents. Legal and ethical considerations. Med Clin North Am 1990 Sep; 74(5):1097-112 (104 ref.)
English RJ see **Tumeh SS**
Englund JA, Piedra PA, Jefferson LS, Wilson SZ, Taber LH, Gilbert BE. High-dose, short-duration ribavirin aerosol therapy in children with suspected respiratory syncytial virus infection. J Pediatr 1990 Aug;117(2 Pt 1):313-20
Enjoji M see **Matsukuma A**
Enjoji M see **Yakeishi Y**
Enlow DH see **Thimaporn J**
Ennis M, Vincent CA. Obstetric accidents: a review of 64 cases. BMJ 1990 May 26;300(6736):1365-7
Ennis RL see **Faerber TH**
Enomoto T, Sugawa H, Inoue D, Miyamoto M, Kosugi S, Takahashi T, Kitamura N, Yamamoto I, Konishi J, Mori T, et al. Establishment of a human undifferentiated thyroid cancer cell line producing several growth factors and cytokines. Cancer 1990 May 1;65(9):1971-9
Enyedi P see **Quinn SJ**
Enzenauer RJ, Berenberg JL, Cassell PF Jr. Microangiopathic hemolytic anemia as the initial manifestation of porcine valve failure. South Med J 1990 Aug;83(8):912-7 (31 ref.)
Epelman S, Estrada J, Jaffe N, Bianchi A. Pediatric osteosarcoma. Successful retreatment of relapsed primary tumor and soft tissue recurrence with intraarterial cis-diamminedichloroplatin-II. Cancer 1990 Aug 15; 66(4):801-5
Epperly TD, McGlaughlin VG, Leo KU. A hazardous side effect of neuroleptics: diagnosis and treatment. Geriatrics 1990 Aug;45(8):58-62
Eppley BL, Custer PL, Sadove AM. Cutaneous approaches to the orbital skeleton and periorbital structures. J Oral Maxillofac Surg 1990 Aug;48(8):842-54 (45 ref.)
Epstein AM see **Udvarhelyi IS**
Epstein AM see **Wenneker MB**
Epstein JD see **Scheiner RB**
Epstein JI see **Oesterling JE**
Epstein JI see **Rifkin MD**
Epstein JM see **Sataloff RT**
Epstein LH see **Perkins KA**
Epstein MR. Networking in a rural community focuses on at-risk children. Public Health Rep 1990 Jul-Aug; 105(4):428-30
Epstein O see **Chesta J**
Epstein RH, Brummett RR Jr, Lask GP. Incendiary potential of the flash-lamp pumped 585-nm tunable dye laser. Anesth Analg 1990 Aug;71(2):171-5
Epstein S see **Aronow WS**
Erdmann E see **Hauck RW**
Erdmann K see **Lang E**
Erickson C see **Ludomirsky A**
Erickson RA, Tarnawski A, Dines G, Stachura J. 16,16-Dimethyl prostaglandin E2 induces villus contraction in rats without affecting intestinal restitution. Gastroenterology 1990 Sep;99(3):708-16
Ericsson CD see **Johnson PC**
Eriksen LR see **Lee JB**
Eriksson B, Skogseid B, Lundqvist G, Wide L, Wilander E, Oberg K. Medical treatment and long-term survival in a prospective study of 84 patients with endocrine pancreatic tumors. Cancer 1990 May 1;65(9):1883-90
Eriksson B see **Krantz I**
Eriksson I see **Karacagil S**
Erlenmeyer-Kimling L see **Dworkin RH**
Erlinger S see **Vilgrain V**
Ermann B see **Weingarten S**
Ernst CB see **Reddy DJ**
Ernst DN, Hobbs MV, Torbett BE, Glasebrook AL, Rehse MA, Bottomly K, Hayakawa K, Hardy RR, Weigle WO. Differences in the expression profiles of CD45RB, Pgp-1, and 3G11 membrane antigens and in the patterns of lymphokine secretion by splenic CD4+ T cells from young and aged mice. J Immunol 1990 Sep 1;145(5):1295-302
Ernst JA, Brady MS, Rickard KA. Food and nutrient intake of 6- to 12-month-old infants fed formula or cow milk: a summary of four national surveys. J Pediatr 1990 Aug; 117(2 Pt 2):S86-100
Ernst JA, Bull MJ, Rickard KA, Brady MS, Lemons JA. Growth outcome and feeding practices of the very low birth weight infant (less than 1500 grams) within the first year of life. J Pediatr 1990 Aug;117(2 Pt 2):S156-66
Ernst M, Rodan GA. Increased activity of insulin-like growth factor (IGF) in osteoblastic cells in the presence of growth hormone (GH): positive correlation with the presence of the GH-induced IGF-binding protein BP-3. Endocrinology 1990 Aug;127(2):807-14
Ernst SM see **Suttorp MJ**
Ernst T see **Wilder-Smith CH**
Erol OO, Spira M. Reconstructing the breast mound employing a secondary island omental skin flap. Plast Reconstr Surg 1990 Sep;86(3):510-8
Ersek RA, Beisang AA 3d. Physiologic tissue gel equivalent [letter] Plast Reconstr Surg 1990 Sep;86(3):611
Ershoff DH, Quinn VP, Mullen PD, Lairson DR. Pregnancy and medical cost outcomes of a self-help prenatal smoking cessation program in a HMO. Public Health Rep 1990 Jul-Aug;105(4):340-7
Ershowsky P see **Krieger BP**
Ertel W, Meldrum DR, Morrison MH, Ayala A, Chaudry IH. Immunoprotective effect of a calcium channel blocker on macrophage antigen presentation function, major histocompatability class II antigen expression, and interleukin-1 synthesis after hemorrhage. Surgery 1990 Aug;108(2):154-9; discussion 159-60
Esaki Y, Hirayama R, Hirokawa K. A comparison of patterns of metastasis in gastric cancer by histologic type and age. Cancer 1990 May 1;65(9):2086-90
Escalier D see **Escudier E**
Escamilla J see **Pazzaglia G**
Escamilla R see **Miguéres M**
Eschenbach D see **Hillier S**
Eschenbach DA see **Harger JH**
Escobar MD see **Shaywitz SE**
Escoffier M see **Routy JP**
Escudier E, Escalier D, Pinchon MC, Boucherat M, Bernaudin JF, Fleury-Feith J. Dissimilar expression of axonemal anomalies in respiratory cilia and sperm flagella in infertile men. Am Rev Respir Dis 1990 Sep;142(3):674-9
Eshima I, Mathes SJ, Paty P. Comparison of the intracellular bacterial killing activity of leukocytes in musculocutaneous and random-pattern flaps. Plast Reconstr Surg 1990 Sep; 86(3):541-7
Eskes TK see **Houwert-de Jong MH**
Eskridge JM see **Laohaprasit V**
Espehaug B see **Bakkevold KE**
Espinoza-Delgado I, Longo DL, Gusella GL, Varesio L. IL-2 enhances c-fms expression in human monocytes. J Immunol 1990 Aug 15;145(4):1137-43
Esposito RA, Grossi EA, Coppa G, Giangola G, Ferri DP, Angelides EM, Andriakos P. Successful treatment of postpartum shock caused by amniotic fluid embolism with cardiopulmonary bypass and pulmonary artery thromboembolectomy. Am J Obstet Gynecol 1990 Aug; 163(2):572-4
Essenfeld H, Manivel JC, Benedetto P, Albores-Saavedra J. Small cell carcinoma of the renal pelvis: a clinicopathological, morphological and immunohistochemical study of 2 cases. J Urol 1990 Aug; 144(2 Pt 1):344-7
Esserman L see **Campbell MJ**
Essex B, Doig R, Renshaw J. Pilot study of records of shared care for people with mental illnesses. BMJ 1990 Jun 2; 300(6737):1442-6
Estañ L see **Martinez-Mir I**
Estan L see **Senard JM**
Estes CA see **Kane MT**
Estes MK see **Matson DO**
Estes ML see **Wilson WB**
Estey E see **Spinolo JA**
Estrada J see **Epelman S**
Estrera AS, Pass LJ, Platt MR. Systemic arterial air embolism in penetrating lung injury. Ann Thorac Surg 1990 Aug;50(2):257-61
Estrin WJ, Bowler RM, Lash A, Becker CE. Neurotoxicological evaluation of hospital sterilizer workers exposed to ethylene oxide [see comments] J Toxicol Clin Toxicol 1990;28(1):1-20. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii-xi.
Etanchaud F see **Flourié B**
Ethier D see **Manning PJ**
Eto M, Mayumi H, Tomita Y, Yoshikai Y, Nishimura Y, Nomoto K. Sequential mechanisms of cyclophosphamide-induced skin allograft tolerance including the intrathymic clonal deletion followed by late breakdown of the clonal deletion. J Immunol 1990 Sep 1;145(5):1303-10
Ettensohn DB see **Carter EJ**
Etzel SI see **Jonas HS**
Etzel SI see **Rowley BD**
Eubanks P see **Anderson HJ**
Eubanks P. Hospitals making way for disabled employees. Hospitals 1990 Aug 20;64(16):58-9
Eubanks P. Implementing OBRA: LTC providers fear poor reimbursement. Hospitals 1990 Aug 20;64(16):54, 56
Eugene J, Ott RA, Baribeau Y, McColgan SJ, Berns MW, Mason GR. Initial trial of argon ion laser endarterectomy for peripheral vascular disease. Arch Surg 1990 Aug; 125(8):1007-10; discussion 1010-1
Evan-Wong A see **Nimmo GR**
Evangelista A see **Tornos MP**
Evans DH see **Fenton AC**
Evans EF see **Bayne O**
Evans HE see **Cantor JO**
Evans J see **Parry-Billings M**
Evans MF see **Padel AF**
Evans MI see **Treadwell MC**
Evans PF see **Goldberg PL**
Evans RG see **Smalley SR**
Evans WE, Hayes JP, Vermilion BD. Effect of a failed distal reconstruction on the level of amputation. Am J Surg 1990 Aug;160(2):217-20
Evatt BL see **Horsburgh CR Jr**
Everett WG, Pollard SG. Restorative proctocolectomy without temporary ileostomy. Br J Surg 1990 Jun; 77(6):621-2
Everitt MG see **Morris JN**
Evers BM, Townsend CM Jr, Uchida T, Greeley GH Jr, Allen E, Thompson JC. Effect of total jejunoileal denervation on fat-stimulated release of peptide YY and cholecystokinin. Surgery 1990 Aug;108(2):248-52; discussion 252-3
Everson GT. Hepatic cysts in autosomal dominant polycystic kidney disease. Mayo Clin Proc 1990 Jul;65(7):1020-5 (16 ref.)
Evsikov S see **Strom CM**
Ewald FC see **Wright J**
Ewart IA. An unusual cause of gas pipeline failure [letter] Anaesthesia 1990 Jun;45(6):498
Ewart MC, Yau G, Gin T, Kotur CF, Oh TE. A comparison of the effects of omeprazole and ranitidine on gastric secretion in women undergoing elective caesarean section. Anaesthesia 1990 Jul;45(7):527-30
Ewigman B, LeFevre M, Bain RP, Crane JP, McNellis D. Ethics and routine ultrasonography in pregnancy [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):256-8
Ewy GA see **Kern KB**
Eyman RK, Grossman HJ, Chaney RH, Call TL. The life expectancy of profoundly handicapped people with mental retardation. N Engl J Med 1990 Aug 30;323(9):584-9
Eyre R see **Mittelman A**
Ezaki T, Stansby GP, Hobbs KE. Surgery of small hepatocellular carcinoma [letter] Cancer 1990 May 1; 65(9):2101-2
Ezquerra A, Cron RQ, McConnell TJ, Valas RB, Bluestone JA, Coligan JE. T cell receptor delta-gene expression and diversity in the mouse spleen. J Immunol 1990 Sep 1; 145(5):1311-7

F

Fabbri A, Tinajero JC, Dufau ML. Corticotropin-releasing

factor is produced by rat Leydig cells and has a major local antireproductive role in the testis. Endocrinology 1990 Sep;127(3):1541–3
Fabbri R see **Venturoli S**
Fabian TC see **Behrman SW**
Fabian TC, George SM Jr, Croce MA, Mangiante EC, Voeller GR, Kudsk KA. Carotid artery trauma: management based on mechanism of injury. J Trauma 1990 Aug;30(8):953–61; discussion 961–3
Fabiani JN see **Deloche A**
Fabiani JN see **Jebara VA**
Fabre I see **Diaz D**
Fabry Z, Waldschmidt MM, Van Dyk L, Moore SA, Hart MN. Activation of CD4+ lymphocytes by syngeneic brain microvascular smooth muscle cells. J Immunol 1990 Aug 15;145(4):1099–104
Facchetti F, De Wolf Peeters C, De Wever I, Frizzera G. Inflammatory pseudotumor of lymph nodes. Immunohistochemical evidence for its fibrohistiocytic nature. Am J Pathol 1990 Aug;137(2):281–9
Fache JS see **Becker CD**
Facklam RR see **Gerber MA**
Faddis DM, Daroca PJ Jr, Krementz ET. Oxyphilic (Hürthle cell) adenoma arising in a black thyroid gland. South Med J 1990 Aug;83(8):976–8 (10 ref.)
Faerber TH, Ennis RL, Allen GA. Temporomandibular joint ankylosis following mastoiditis: report of a case. J Oral Maxillofac Surg 1990 Aug;48(8):866–70
Fagley J see **Baciewicz FA Jr**
Fahey BJ, Henderson DK. Minimizing risks for occupational blood-borne infections. JAMA 1990 Sep 5;264(9):1189, 1190
Fahey JL see **Fawzy FI**
Fahn S see **Greene P**
Fahr LM see **Sauser DD**
Fahsold R see **Oez S**
Faiçal S see **Kater CE**
Faijerson Y see **de Zegher F**
Fair WR see **Sheinfeld J**
Fairburn CG see **Goodwin GM**
Fairhall KM, Gabrielsson BG, Robinson IC. Effect of food withdrawal and insulin on growth hormone secretion in the guinea pig. Endocrinology 1990 Aug;127(2):716–23
Fairston BA see **Stotter A**
Faisant TE see **Sprigle SH**
Fakjian N, Hunter S, Cole GW, Miller J. An argument for circumcision. Prevention of balanitis in the adult. Arch Dermatol 1990 Aug;126(8):1046–7
Falber V see **Quitt M**
Falciglia HS. Is meconium aspiration an intrauterine event? [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):250–1
Falciglia HS. Amnioinfusion and prevention of meconium aspiration syndrome [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):258–9
Falcone PA, Haedicke GJ, Brooks G, Sullivan PK. Maxillofacial fractures in the elderly: a comparative study. Plast Reconstr Surg 1990 Sep;86(3):443–8
Fäldt R see **Zoucas E**
Falk I see **Yachelini P**
Falk S see **Ganser A**
Falkner B see **Ponte P**
Fall LH, Young WW, Power JA, Faulkner CS 2d, Hettleman BD, Robb JF. Severe congestive heart failure and cardiomyopathy as a complication of myotonic dystrophy in pregnancy. Obstet Gynecol 1990 Sep;76(3 Pt 2):481–5
Fallenstein F see **Spätling L**
Faller DV see **Kourembanas S**
Fallon B see **Mittelman A**
Fallon JT see **Yasuda T**
Fallon M see **Lin KY**
Fallon RJ, Rowbotham TJ. Microbiological investigations into an outbreak of Pontiac fever due to Legionella micdadei associated with use of a whirlpool. J Clin Pathol 1990 Jun;43(6):479–83
Falsey AR, Walsh EE, Betts RF. Serologic evidence of respiratory syncytial virus infection in nursing home patients. J Infect Dis 1990 Aug;162(2):568–9
Fan J see **Cara JF**
Fan XD see **Goldstein H**
Fan-Havard P see **Eng RH**
Fanelli-Kuczmarski MT, Johnson CL, Elias L, Najjar MF. Folate status of Mexican American, Cuban, and Puerto Rican women. Am J Clin Nutr 1990 Aug;52(2):368–72
Fang WL, Herbert J, Mintz PD. The extent of transfusion medicine education during the fourth year at U.S. and Canadian medical schools. Acad Med 1990 Jun;65(6):419
Fanger MW see **Connor RI**
Fantini GA, DeCosse JJ. Surveillance strategies after resection of carcinoma of the colon and rectum. Surg Gynecol Obstet 1990 Sep;171(3):267–73 (58 ref.)
Fantozzi L see **Angeloni U**
Fantuzzi G see **Aggazzotti G**
Farah MJ, Palmieri GM, Sebes JI, Cremer MA, Massie JD, Pinals RS. The effect of diltiazem on calcinosis in a patient with the CREST syndrome. Arthritis Rheum 1990 Aug; 33(8):1287–93
Faranda F see **Romagnoli G**
Farber AS see **Farber ME**
Farber ME, Farber AS. Macular degeneration. A devastating but treatable disease. Postgrad Med 1990 Aug;88(2):181–3
Farber NE see **Maruyama M**
Farber R see **Steinhardt G**
Farid Z see **Girgis NI**
Farin PU, Jaroma H, Harju A, Soimakallio S. Shoulder impingement syndrome: sonographic evaluation. Radiology 1990 Sep;176(3):845–9
Farkas A, Moriel EZ, Lupa S. Endoscopic correction of vesicoureteral reflux: our experience with 115 ureters. J Urol 1990 Aug;144(2 Pt 2):534–6; discussion 545
Farkas SA see **Cederna JP**
Farkosh M see **Kickler TS**
Farley PC see **Schenk WG 3d**
Farling PA see **Rafferty C**
Farmaka H see **Sener RN**
Farman P see **Coulden RA**
Farnen JP see **Fishel RS**
Farnworth PG see **Wang QF**
Faro S see **Martens M**
Farooque M, Biyani A, Adhikari A. Giant cell tumours of the proximal fibula. J Bone Joint Surg [Br] 1990 Jul; 72(4):723–4
Farragher B see **Clarke C**
Farrell CR see **Pardridge WM**
Farrell GC, Murray M. Human cytochrome P450 isoforms. Their genetic heterogeneity and induction by omeprazole [comment] Gastroenterology 1990 Sep;99(3):885–9 (40 ref.) . Comment on: Gastroenterology 1990 Sep;99(3):737–47.
Farrow GM see **Nativ O**
Farrow JA. Adolescent chemical dependency. Med Clin North Am 1990 Sep;74(5):1265–74 (29 ref.)
Fasciotto BH, Gorr SU, Bourdeau AM, Cohn DV. Autocrine regulation of parathyroid secretion: inhibition of secretion by chromogranin-A (secretory protein-I) and potentiation of secretion by chromogranin-A and pancreastatin antibodies. Endocrinology 1990 Sep;127(3):1329–35
Fasoli G see **Scognamiglio R**
Fasoli R, Kettlewell MG, Mortensen N, Jewell DP. Response to faecal challenge in defunctioned colonic Crohn's disease: prediction of long-term course. Br J Surg 1990 Jun; 77(6):616–7
Fasth S see **Oresland T**
Fatica NS see **Bharati S**
Faucher M see **Marliss EB**
Fauci AS see **Arend WP**
Fauci AS see **Bloch DA**
Fauci AS see **Calabrese LH**
Fauci AS see **Fries JF**
Fauci AS see **Hunder GG**
Fauci AS see **Leavitt RY**
Fauci AS see **Masi AT**
Fauci AS see **Mills JA**
Fauci AS see **Schnittman SM**
Fauci AS see **Stanley SK**
Faughnan J. Managing medical references [letter] Ann Intern Med 1990 Sep 15;113(6):484
Faulkner CS 2d see **Fall LH**
Favi PP see **Massimo CG**
Favretti L see **Della Puppa A**
Fawcett J, Scheftner WA, Fogg L, Clark DC, Young MA, Hedeker D, Gibbons R. Time-related predictors of suicide in major affective disorder. Am J Psychiatry 1990 Sep; 147(9):1189–94
Fawzy FI, Kemeny ME, Fawzy NW, Elashoff R, Morton D, Cousins N, Fahey JL. A structured psychiatric intervention for cancer patients. II. Changes over time in immunological measures. Arch Gen Psychiatry 1990 Aug;47(8):729–35
Fawzy FI, Cousins N, Fawzy NW, Kemeny ME, Elashoff R, Morton D. A structured psychiatric intervention for cancer patients. I. Changes over time in methods of coping and affective disturbance. Arch Gen Psychiatry 1990 Aug; 47(8):720–5
Fawzy NW see **Fawzy FI**
Fay CT see **Ocrant I**
Fay RE. Allegations of sexual abuse [letter] Pediatrics 1990 Sep;86(3):488–90
Fayad P see **Levine SR**
Fazio DT see **Panek WC**
Fechner RE see **de Lange EE**
Feczko PJ see **Thompson BC**
Fedele L, Vercellini P, Bianchi S, Brioschi D, Dorta M. Treatment with GnRH agonists before myomectomy and the risk of short-term myoma recurrence. Br J Obstet Gynaecol 1990 May;97(5):393–6
Feder G, Hussey R. Traveller mothers and babies [editorial] BMJ 1990 Jun 16;300(6739):1536–7
Feder R. Pharmacologic approach to sleep panic attacks [letter] Am J Psychiatry 1990 Aug;147(8):1091–2
Federici MG see **Rubin SC**
Fedok FG, Houck JR, Manders EK. Suction-assisted lipectomy in the management of obstructive sleep apnea. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):968–70
Fedson DS, Harward MP, Reid RA, Kaiser DL. Hospital-based pneumococcal immunization. Epidemiologic rationale from the Shenandoah study [see comments] JAMA 1990 Sep 5;264(9):1117–22. Comment in: JAMA 1990 Sep 5;264(9):1154–5.
Fee WE Jr see **Nino-Murcia M**
Feeman WE Jr. Lipid abnormalities and diuretics [letter] Am Fam Physician 1990 Aug;42(2):315, 318, 321–4
Feenan DK. Tranquilizing deportees [letter] Can Med Assoc J 1990 Aug 1;143(3):169–70
Feenstra BW see **Vermeij CG**
Feher MD see **Knapp ML**
Fehm HL see **Kern W**
Fehr J see **Schleiffenbaum B**
Feigal DW Jr see **Conte JE Jr**
Feigert JM, Sweet DL, Coleman M, Variakojis D, Wisch N, Schulman J, Markowitz MH. Multicentric angiofollicular lymph node hyperplasia with peripheral neuropathy, pseudotumor cerebri, IgA dysproteinemia, and thrombocytosis in women. A distinct syndrome. Ann Intern Med 1990 Sep 1;113(5):362–7
Feighery C see **Caffrey C**
Fein G see **Jewett DL**
Fein SA see **Ferrick KJ**
Feinberg EJ, Steinberg WM, Banks BL, Henry JP. How long to abstain from eating red meat before fecal occult blood tests. Ann Intern Med 1990 Sep 1;113(5):403–4
Feinberg H see **del Nido PJ**
Feinberg MJ, Ekberg O. Deglutition after near-fatal choking episode: radiologic evaluation. Radiology 1990 Sep; 176(3):637–40
Feinberg RL, Wheeler JR, Gregory RT, Snyder SO Jr, Gayle RG, Parent FN 3d. Initial results and subsequent outcome of laser thermal-assisted balloon angioplasty of 56 consecutive femoropopliteal lesions. Am J Surg 1990 Aug; 160(2):166–9; discussion 169–70
Feingold KR see **Krauss RM**
Feingold R see **Kanady K**
Feinmesser R, Freeman JL, Noyek A. Flow cytometric analysis of DNA content in laryngeal cancer. J Laryngol Otol 1990 Jun;104(6):485–7
Feinstein MC see **Le Dafniet M**
Feinstein SB, Cheirif J, Ten Cate FJ, Silverman PR, Heidenreich PA, Dick C, Desir RM, Armstrong WF, Quinones MA, Shah PM. Safety and efficacy of a new transpulmonary ultrasound contrast agent: initial multicenter clinical results. J Am Coll Cardiol 1990 Aug; 16(2):316–24
Feinstone SM see **Kaneko S**
Feist W see **Kretschmer C**
Feldman AM see **Bristow MR**
Feldman GM, Finbloom DS. Induction and regulation of IL-4 receptor expression on murine macrophage cell lines and bone marrow-derived macrophages by IFN-gamma. J Immunol 1990 Aug 1;145(3):854–9
Feldman J see **Minkoff HL**
Feldman JM. Carcinoid tumors and the carcinoid syndrome. Curr Probl Surg 1989 Dec;26(12):829–918 (168 ref.)
Feldman S see **Hartrampf CR Jr**
Feldman TB. Further thoughts on self-mutilation following trauma [letter] Am J Psychiatry 1990 Aug;147(8):1105–6
Feldman W see **Shanon A**
Felice V see **Mattioli S**
Feliciano N, Kasarjian PH, McMillen JI, Grau KE, Kessler C, Stevelman HB, Hogan LB, Mroczek WJ, Goldstein RJ, Montoro R. Safety and tolerability of metoprolol OROS in hypertension treatment. Am Heart J 1990 Aug; 120(2):490–4
Feliciano NR, Bouvet AA, Redalieu E, Castellana J, Luders RC, Schwartz DJ, Shum L, Zak S, Arnold JD, Leese PT. Pharmacokinetic and pharmacodynamic comparison of an osmotic release oral metoprolol tablet and the metoprolol conventional tablet. Am Heart J 1990 Aug;120(2):483–9
Fell D see **Coley S**
Fellers PJ, Nikdel S, Lee HS. Nutrient content and nutrition labeling of several processed Florida citrus juice products. J Am Diet Assoc 1990 Aug;90(8):1079–84
Fellows IW, Leach IH, Smith PG, Toghill PJ, Doran J. Carcinoid tumour of the common bile duct—a novel complication of von Hippel-Lindau syndrome. Gut 1990 Jun;31(6):728–9
Felsenthal G see **Anderson JM**
Fendly BM see **Lucas C**
Feng CS see **Fok TF**
Fenske NA see **Duncan WC**
Fenton AC, Field DJ, Woods KL, Evans DH, Levene MI. Circulatory effects of fast ventilator rates in preterm infants. Arch Dis Child 1990 Jul;65(7 Spec No):662–6
Fenton TR, McMillan DD, Sauve RS. Nutrition and growth analysis of very low birth weight infants. Pediatrics 1990 Sep;86(3):378–83
Ferentz KS. Panic disorder and agoraphobia. Nondrug treatment options for primary care physicians. Postgrad Med 1990 Aug;88(2):185–92
Ferentz KS see **Sobal J**
Ferguson A. Food sensitivity or self-deception? [editorial; comment] N Engl J Med 1990 Aug 16;323(7):476–8. Comment on: N Engl J Med 1990 Aug 16;323(7):429–33.
Ferguson J see **Hill NC**
Ferguson JE 2d, Dyson DC, Schutz T, Stevenson DK. A comparison of tocolysis with nifedipine or ritodrine: analysis of efficacy and maternal, fetal, and neonatal outcome. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):105–11
Ferguson V. The nursing shortage: dynamics and solutions. An overview. Nurs Clin North Am 1990 Sep;25(3):503–7 (10 ref.)
Ferguson V. The nursing shortage: dynamics and solutions. Satisfaction and fulfillment. Nurs Clin North Am 1990 Sep; 25(3):615–6
Fergusson FD. A commitment to medicine and society. Mayo Clin Proc 1990 Aug;65(8):1106–9
Ferin M see **Reyes A**
Fernandes G see **Waymack JP**
Fernandez E see **Pallini R**

Fernandez JA, Shook EL, Carson CC 3d. The use of bubble wrap as an arm support for extracorporeal shock wave lithotripsy. J Urol 1990 Aug;144(2 Pt 1):312
Fernandez JF see **Samaan NA**
Fernandez X see **Gulbenkian AR**
Fernandez-Avilés F see **Garcia-Dorado D**
Fernández-Palazzi F, Rivas S, Mujica P. Achilles tendinitis in ballet dancers. Clin Orthop 1990 Aug;(257):257-61
Ferns G, Reidy M, Ross R. Vascular effects of cyclosporine A in vivo and in vitro. Am J Pathol 1990 Aug; 137(2):403-13
Fernsten P see **Mimura T**
Fernstrom MH see **Perkins KA**
Ferrando J see **Mike N**
Ferrans VJ see **Fukuda Y**
Ferrante P see **Zella D**
Ferrara F see **Maio M**
Ferrara N see **Phillips HS**
Ferrara P see **Mazza MM**
Ferrari W see **Guarini S**
Ferraro G see **Torre D**
Ferrazza A, Marino B, Giusti V, Affinito V, Ragonese P. Usefulness of left and right oblique subcostal view in the echo-Doppler investigation of pulmonary arterial blood flow in patients with chronic obstructive pulmonary disease. The subxiphoid view in the echo-Doppler evaluation of pulmonary blood flow. Chest 1990 Aug; 98(2):286-9
Ferreira AW see **Giannini MJ**
Ferreira MJ, Almeida RM, Brofman PR, Ribeiro EJ, Krichenko A, Bueno RR, Coelho A, Loures DR. Acquired aneurysm of ascending aorta in childhood [letter] J Thorac Cardiovasc Surg 1990 Aug;100(2):318-20
Ferreira U see **Netto Júnior NR**
Ferreiro JA, Bhuta S, Nieberg RK, Verity MA. Amyloidoma of the skull base. Arch Pathol Lab Med 1990 Sep; 114(9):974-6
Ferrer A see **Torres A**
Ferreria JL, Mauriño N, Michael E, Ratinoff M, Rubio E. Surgery of the parotid region: a new approach. J Oral Maxillofac Surg 1990 Aug;48(8):803-7
Ferri DP see **Esposito RA**
Ferrick AM see **Ferrick KJ**
Ferrick KJ, Fein SA, Ferrick AM, Doyle JT. Effect of milrinone on ventricular arrhythmias in congestive heart failure. Am J Cardiol 1990 Aug 15;66(4):431-4
Ferrucci JT. Liver tumor imaging: current concepts. AJR Am J Roentgenol 1990 Sep;155(3):473-84 (70 ref.)
Ferry D see **Shohat M**
Ferry S, Andersson SO, Burman LG, Westman G. Optimized urinary microscopy for assessment of bacteriuria in primary care. J Fam Pract 1990 Aug;31(2):153-9; discussion 159-61
Ferson MJ. Immunisation state and its documentation in hospital patients. Arch Dis Child 1990 Jul;65(7):763-7
Feruglio C see **Agostini C**
Festen HP see **Jansen JB**
Feuerstein IM see **Pluda JM**
Fevrier MJ see **Hernigou P**
Feyock AL see **Kier R**
Fiandaca MS see **Kordower JH**
Fidel PL Jr, Boros DL. Regulation of granulomatous inflammation in murine schistosomiasis. IV. Antigen-induced suppressor T cells down-regulate proliferation and IL-2 production. J Immunol 1990 Aug 15;145(4):1257-64
Fiedler SB see **Fogoros RN**
Fiel SB see **Schidlow DV**
Field DJ see **Fenton AC**
Fielder AR see **Robinson J**
Fields J see **Williams J**
Fields K see **Lloyd RV**
Fields MJ see **Fuchs AR**
Fierman AH see **Friedman DM**
Fieschi C see **Angeloni U**
Fievet P see **Puchois P**
Fifer CA see **Mittler RS**
Figari IS see **Lucas C**
Figge DC see **Greer BE**
Figiel GS see **Lurie SN**
Figueredo A, Arnold A, Goodyear M, Findlay B, Neville A, Normandeau R, Jones A. Addition of verapamil and tamoxifen to the initial chemotherapy of small cell lung cancer. A phase I/II study. Cancer 1990 May 1; 65(9):1895-902
Figueroa JP, Honnebier MB, Jenkins S, Nathanielsz PW. Alteration of 24-hour rhythms in myometrial activity in the chronically catheterized pregnant rhesus monkey after a 6-hour shift in the light-dark cycle. Am J Obstet Gynecol 1990 Aug;163(2):648-54
Figueroa-Rosario W see **Mazer B**
Fildes RD see **Tarkington MA**
Filer LJ Jr. Iron needs during rapid growth and mental development. J Pediatr 1990 Aug;117(2 Pt 2):S143-6 (23 ref.)
Filer LJ Jr see **Stegink LD**
Filipovich A see **Weisdorf DJ**
Filkins K see **Ellis GL**
Filley CM see **Parker WD Jr**
Filley CM see **Thompson TL 2d**
Fillipo BH see **Russin SJ**
Filshie J see **Goldberg PL**
Filston HC see **Kinney TR**
Finberg L. Modified fat diets: do they apply to infancy? J Pediatr 1990 Aug;117(2 Pt 2):S132-3
Finbloom DS see **Belosevic M**
Finbloom DS see **Feldman GM**
Finch J see **Blake SW**
Fincher RM, Lunn JS, Nance LD 3d. Does an ambulatory-care experience influence third-year students to select a career in internal medicine? Acad Med 1990 Jun;65(6):421
Findlay B see **Figueredo A**
Findlay JK see **Wang QF**
Findley TW. Research in physical medicine and rehabilitation. IX. Primary data analysis. Am J Phys Med Rehabil 1990 Aug;69(4):209-18 (27 ref.)
Finestone H see **Goldfarb R**
Fink A see **Reuben DB**
Fink A see **Schriger DL**
Fink BR. Postspinal headache [letter] Anesth Analg 1990 Aug;71(2):208-9
Fink M see **Celoria G**
Finkelman FD see **Ben-Sasson SZ**
Finkelman FD see **Mountz JD**
Finkelstein A, Lokhandwala BS, Pandey NS. Particulate contamination of an intact glass ampule [letter] Anesthesiology 1990 Aug;73(2):362-3
Finkelstein J see **Marano MA**
Finkelstein JA see **Sanacora G**
Finkielman S see **Vindrola O**
Finlay AY see **Capewell S**
Finlay TH see **Tamir S**
Finn PR, Kleinman I, Pihl RO. The lifetime prevalence of psychopathology in men with multigenerational family histories of alcoholism. J Nerv Ment Dis 1990 Aug; 178(8):500-4
Finnerty JP see **Polosa R**
Finstad CL see **Rubin SC**
Fioramonti J see **Junien JL**
Fiori GP see **Torre D**
Fireman P see **Skoner DP**
Firgaira FA see **Mueller UW**
Firpo A see **Baum CG**
Fischell TA, Bausback KN, McDonald TV. Evidence for altered epicardial coronary artery autoregulation as a cause of distal coronary vasoconstriction after successful percutaneous transluminal coronary angioplasty. J Clin Invest 1990 Aug;86(2):575-84
Fischer JA see **Muff R**
Fischer JE see **Hall-Angerås M**
Fischer RP, Pepe PE, Reed RL 2d, Parks DH, Prentice FD, Mattox KL. Academic consequences of a trauma system failure. J Trauma 1990 Jul;30(7):784-90; discussion 790-1
Fischer RT see **Rennert H**
Fischetti VA see **Bessen D**
Fiser RH Jr. Academic missions of division chiefs in pediatric departments. I. The division chief as an administrator. Am J Dis Child 1990 Aug;144(8):889-90
Fish BC see **Schwarz SM**
Fish DR see **Bettany JA**
Fishbein MC see **Hong AS**
Fishbein MC see **Wolfson DJ**
Fishbein TM, Fishbein WN. A glucose-6-phosphate dehydrogenase stain for frozen human skeletal muscle biopsy specimens. A sensitive indicator of fiber degeneration. Arch Pathol Lab Med 1990 Aug;114(8):840-4
Fishbein WN see **Fishbein TM**
Fishel RS, Farnen JP, Hanson CA, Silver SM, Emerson SG. Acute lymphoblastic leukemia with eosinophilia. Medicine (Baltimore) 1990 Jul;69(4):232-43
Fisher A see **Imam N**
Fisher C see **Ball AB**
Fisher C see **O'Connell ME**
Fisher DR see **De Smet AA**
Fisher DW. Peer review—the arts and sciences [editorial] Hosp Pract [Off] 1990 Aug 15;25(8):13
Fisher EB Jr, Haire-Joshu D, Morgan GD, Rehberg H, Rost K. Smoking and smoking cessation. Am Rev Respir Dis 1990 Sep;142(3):702-20 (213 ref.)
Fisher ES see **Malenka DJ**
Fisher L see **Sullivan KM**
Fisher LD see **Meyers JD**
Fisher MC see **Rupar DG**
Fisher RB, Dearden CH. Improving the care of patients with major trauma in the accident and emergency department. BMJ 1990 Jun 16;300(6739):1560-3
Fisher RC see **McCutchan HJ**
Fisher WH see **Geller JL**
Fishman AP see **Palevsky HI**
Fishman GA see **Peachey NS**
Fisk NM, Borrell A, Hubinont C, Tannirandorn Y, Nicolini U, Rodeck CH. Fetofetal transfusion syndrome: do the neonatal criteria apply in utero? Arch Dis Child 1990 Jul; 65(7 Spec No):657-61
Fisk NM see **Arulkumaran S**
Fisk NM, Tannirandorn Y, Nicolini U, Hubinont C, Rodeck CH, Meliagros L. Artrial natriuretic peptide in fetal disease. Br J Obstet Gynaecol 1990 Jun;97(6):545-6
Fiszbein A see **Kay SR**
Fitchett M see **Juliusson G**
Fitten LJ, Waite MS. Impact of medical hospitalization on treatment decision-making capacity in the elderly. Arch Intern Med 1990 Aug;150(8):1717-21
Fitting JW, Frascarolo P, Jéquier E, Leuenberger P. Resting energy expenditure in interstitial lung disease. Am Rev Respir Dis 1990 Sep;142(3):631-5
Fitts SS see **Robinson LM**
Fitz WR, Mysiw WJ, Johnson EW. First lumbrical latency and amplitude. Control values and findings in carpal tunnel syndrome. Am J Phys Med Rehabil 1990 Aug; 69(4):198-201
Fitzgerald EF see **Stark AD**
Fitzgerald MX see **Ward K**
Fitzgerald P, Donoghue V, Gorman W. Bronchopulmonary dysplasia: a radiographic and clinical review of 20 patients. Br J Radiol 1990 Jun;63(750):444-7
Fitzgerald TK see **Bascom R**
Fitzgibbon D, Gardiner J. Postdural puncture headache with 29-gauge spinal needles [letter] Anaesthesia 1990 Jul; 45(7):593
Fitzgibbons RJ Jr see **Martin JK Jr**
Fitzpatrick JM, Wickham JE. Minimally invasive surgery. Br J Surg 1990 Jul;77(7):721-2 (11 ref.)
Fitzpatrick LA. Differences in the actions of calcium versus lanthanum to influence parathyroid hormone release. Endocrinology 1990 Aug;127(2):711-5
Fitzpatrick RJ see **Owiny JR**
FitzSimmons J, Davidson S. Ascertainment bias in diabetic outcome data [letter] Am J Obstet Gynecol 1990 Aug; 163(2):682-3
FitzSimmons J see **Droste S**
Fivenson DP, Breneman DL, Wander AH. Kaposi's varicelliform eruption. Absence of ocular involvement. Arch Dermatol 1990 Aug;126(8):1037-9 (11 ref.)
Fix C see **Kursunoglu-Brahme S**
Fixsen JA see **Coates CJ**
Fjellestad-Paulsen A see **Margioris AN**
Flachskampf FA, Weyman AE, Gillam L, Liu CM, Abascal VM, Thomas JD. Aortic regurgitation shortens Doppler pressure half-time in mitral stenosis: clinical evidence, in vitro simulation and theoretic analysis. J Am Coll Cardiol 1990 Aug;16(2):396-404
Flachskampf FA see **Thomas JD**
Flack JM see **Wiist WH**
Flad HD see **Kretschmer C**
Flagg R see **Castro O**
Flamigni C see **Venturoli S**
Flamm BL. Vaginal birth after cesarean section: an appraisal of the reappraisal [letter] Am J Obstet Gynecol 1990 Aug; 163(2):691-2
Flamm J, Bucher A, Höltl W, Albrecht W. Recurrent superficial transitional cell carcinoma of the bladder: adjuvant topical chemotherapy versus immunotherapy. A prospective randomized trial. J Urol 1990 Aug;144(2 Pt 1):260-3
Flanagan R see **Coyle AJ**
Flanagan TL see **Johnson AM**
Flancbaum L, Dougherty C, Brotman DN, Avedian J, Trooskin SZ. DRGs and the "negative" trauma workup. Ann Emerg Med 1990 Jul;19(7):741-5
Flancbaum L, Alden SM. Morphine cholescintigraphy. Surg Gynecol Obstet 1990 Sep;171(3):227-32
Flanigan TP, Graham R. Extended spectrum of symptoms in cryptosporidiosis [letter] Am J Med 1990 Aug;89(2):252
Flanigin HF see **Huh K**
Flasher J see **Carlan SJ**
Flaster E see **Greene P**
Flaten H, Høstmark AT, Kierulf P, Lystad E, Trygg K, Bjerkedal T, Osland A. Fish-oil concentrate: effects on variables related to cardiovascular disease. Am J Clin Nutr 1990 Aug;52(2):300-6
Flather M see **Collins R**
Flaum E see **Shohat M**
Flay BR see **Dwyer KM**
Flebbe LM, Chapes SK, Morrison DC. Activation of C3H/HeJ macrophage tumoricidal activity and cytokine release by R-chemotype lipopolysaccharide preparations. Differential effects of IFN-gamma. J Immunol 1990 Sep 1;145(5):1505-11
Fleck BW, Toft AD. Graves' ophthalmopathy. BMJ 1990 May 26;300(6736):1352-3 (15 ref.)
Fleck E see **Regitz V**
Fleck S. The sham of treatment [letter] Am J Psychiatry 1990 Aug;147(8):1094-5
Fleet GH see **Miller JJ**
Fleetham JA see **Wilcox PG**
Fleischer A see **Marx GF**
(Fleischner FG), Hughes JM. Fleischner lecture. Radionuclides and the lung: past, present, and future. AJR Am J Roentgenol 1990 Sep;155(3):455-63 (55 ref.)
Fleiss JL see **Bigger JT Jr**
Fleming CR see **Van Woert JH**
Fleming KA see **Padel AF**
Fleming L see **Redlich CA**
Fleming P see **James D**
Fleming S see **McNeill AD**
Fleming TJ see **Codias EK**
Fletcher D see **Osler TM**
Fletcher DD see **Homeister JW**
Fletcher JM see **Shaywitz SE**
Fleury-Feith J see **Escudier E**
Flickinger EG see **Dohm GL**
Flickinger JC see **Lunsford LD**
Fligner CL see **Eddy AC**
Fligny I see **Narcy P**
Flinn WR see **Baxter BT**

Flocard F see Khalfallah Y
Floersheim GL, Bieri A. Further studies on selective radioprotection by organic zinc salts and synergism of zinc aspartate with WR 2721. Br J Radiol 1990 Jun; 63(750):468–75
Florek RC, Triffon DW, Mann DE, Ringel SP, Reiter MJ. Electrocardiographic abnormalities in patients with myotonic dystrophy. West J Med 1990 Jul;153(1):24–7 (26 ref.)
Florent C see Flourié B
Flouret G see Wilson L Jr
Flourié B see Beaugerie L
Flourié B, Etanchaud F, Florent C, Pellier P, Bouhnik Y, Rambaud JC. Comparative study of hydrogen and methane production in the human colon using caecal and faecal homogenates. Gut 1990 Jun;31(6):684–5
Flower MA, Irvine AT, Ott RJ, Kabir F, McCready VR, Harmer CL, Sharma HL, Smith AG. Thyroid imaging using positron emission tomography—a comparison with ultrasound imaging and conventional scintigraphy in thyrotoxicosis. Br J Radiol 1990 May;63(749):325–30
Flowerdew AD see Hunt TM
Flu PK see Akkersdijk GJ
Flye MW see Kamei T
Flynn TG see Godfrey PS
Foale R see Ludman P
Foale RA see Shahi M
Fodstad H, Ljunggren B, Kristiansen K. Vilhelm Magnus—pioneer neurosurgeon. J Neurosurg 1990 Sep; 73(3):317–30
Foelsch PA see Kissileff HR
Foerster MH see Marmor MF
Fogel RI, Balady GJ, Klein MD, Rajaii-Khorasani A. Metastatic renal cell carcinoma. An unusual cause of syncope. Chest 1990 Aug;98(2):481–2
Fogg AJ see Mok DW
Fogg L see Fawcett J
Fogoros RN see Bonnet CA
Fogoros RN, Elson JJ, Bonnet CA, Fiedler SB, Burkholder JA. Efficacy of the automatic implantable cardioverter-defibrillator in prolonging survival in patients with severe underlying cardiac disease. J Am Coll Cardiol 1990 Aug;16(2):381–6
Fok TF, So LY, Leung KW, Wong W, Feng CS, Tsang SS. Use of peripheral vessels for exchange transfusion. Arch Dis Child 1990 Jul;65(7 Spec No):676–8
Fok TF see Sung RY
Foley TP Jr see Germak JA
Foley-Nolan D, Kinirons M, Coughlan RJ, O'Connor P. Post whiplash dystonia well controlled by transcutaneous electrical nervous stimulation (TENS): case report. J Trauma 1990 Jul;30(7):909–10
Folgering HT see van den Elshout FJ
Follmer H see Leiden LI
Folstein M see Steele C
Fong B see Zsigmond E
Fong LV see Sreeram N
Fong MW see Lin HJ
Fong TL see Akriviadis EA
Fonkalsrud EW see Koo AS
Fonseca V, Havard CW. The natural course of myasthenia gravis. BMJ 1990 Jun 2;300(6737):1409–10 (14 ref.)
Font RL see Shadduck JA
Fontaine FS see Poulin de Courval L
Fontanesi J see Hanna SL
Fontenille D, Lepers JP, Campbell GH, Coluzzi M, Rakotoarivony I, Coulanges P. Malaria transmission and vector biology in Manarintsoa, high plateaux of Madagascar. Am J Trop Med Hyg 1990 Aug;43(2):107–15
Foong A see Khan TJ
Foote RL. Treatment of acoustic tumors with radiotherapy [letter] Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):977
Forbes A see Connolly GM
Forbes GB. Do obese individuals gain weight more easily than nonobese individuals? Am J Clin Nutr 1990 Aug; 52(2):224–7
Forbes GB see Kreipe RE
Forbes RB see Murray DJ
Ford GC see Pacy PJ
Ford SE see Rockswold GL
Foreman J. Physician ownership of health care facilities [news] Arch Ophthalmol 1990 Aug;108(8):1077
Foreman J see Benzaquen S
Forest MG see Rohmer V
Forestier F see Giovangrandi Y
Forestner JE see Gunter JB
Forestner JE see Watcha MF
Forget BG see Morlé L
Forman AB, Robinson JK. Acute tender nodules in a linear arrangement. Granulation tissue with hemorrhage. Arch Dermatol 1990 Aug;126(8):1091, 1094–5
Forman EN see Ladd RE
Forman MB see Shawl FA
Forman S, Behrens MM, Odel JG, Spector RT, Hilal S. Relative afferent pupillary defect with normal visual function [letter] Arch Ophthalmol 1990 Aug;108(8):1074–5
Forman S see Hillis LD
Forno LS see Bliwise DL
Forrest AP see Aitken RJ
Forrest D, Haywood P. Signs of illness preceding sudden unexpected death in infants [letter] BMJ 1990 Jul 7; 301(6742):45–6
Forrest JV see Harre J 4th
Forrest RD see Yudkin JS
Forrester B see Gouvea V
Forrester DM. Imaging of the sacroiliac joints. Radiol Clin North Am 1990 Sep;28(5):1055–72 (26 ref.)
Forrester JM, Steele AW, Waldron JA, Parsons PE. Crack lung: an acute pulmonary syndrome with a spectrum of clinical and histopathologic findings. Am Rev Respir Dis 1990 Aug;142(2):462–7
Forsgren M see Bergström T
Forsman M see Karlsson BR
Forster D see MacDonagh RP
Forster DJ see Dugel PU
Forster S see Mickisch GH
Forsyth M see Kashyap S
Fort MG 3d see Wiedemann MA
Fortner A see Anderson CM
Forton GE see Marquet JF
Fortune JE see Chandrasekher YA
Fortune JE see Sirois J
Fosburg MT, Nathan DG. Treatment of Cooley's anemia. Blood 1990 Aug 1;76(3):435–44 (87 ref.)
Foss RD see Johnstone PA
Foster BK see Cundy PJ
Foster BK see Jones JR
Foster CE 3d see Lally KP
Foster CS see Abel PD
Foster GD see Wadden TA
Foster RS see Donohue JP
Foster S see Aisen M
Foster S see Khoury GF
Foster WC see Blumberg KD
Foucar E see Kaufman E
Foulds J see Jimenez-Lucho V
Fourie P see Coetzee A
Fourneau C see Verhest A
Fournier A see Montigny M
Fowble B see Dowsett RJ
Fowler JF Jr see Purcell KG
Fowler PJ see Messieh SS
Fox BS see Betz M
Fox J see Davis DL
Fox KR, Moussa SM, Mitre RJ, Zidar BL, Raves JJ. Clinical and pathologic features of primary gastric rhabdomyosarcoma. Cancer 1990 Aug 15;66(4):772–8 (22 ref.)
Fox LE see Panek WC
Fox MH see Zweng TN
Fox N see Knowles BB
Fraga JC see Salle JL
Fragu P see Briançon C
Frais MA, Rodgers K. Dramatic electrocardiographic T-wave changes associated with gastric dilatation. Chest 1990 Aug;98(2):489–90
Frampton MC. Minitracheotomy [letter] BMJ 1990 Jun 9; 300(6738):1524
France MP see Mylod AG Jr
Frances AJ see Dulit RA
Frances AJ see Jones JS
Franceschi D, Graham D, Sarasua M, Zollinger RM Jr. Mechanisms of oxygen free radical-induced calcium overload in endothelial cells. Surgery 1990 Aug; 108(2):292–7
Franchimont P see Bourguignon JP
Franchisseur C see Beaugerie L
Francis CW, Pellegrini VD Jr, Stulberg BN, Miller ML, Totterman S, Marder VJ. Prevention of venous thrombosis after total knee arthroplasty. Comparison of antithrombin III and low-dose heparin with dextran. J Bone Joint Surg [Am] 1990 Aug;72(7):976–82
Francis HL see Lee SJ
Francis IC. A systemic approach to the diagnosis of chronic conjunctivitis [letter] Am J Ophthalmol 1990 Aug 15; 110(2):213–4
Francis N see Paterson-Brown S
Francis P, Raman R, Korula P, Korah I. Pneumatization of the paranasal sinuses (maxillary and frontal) in cleft lip and palate. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):920–2
Francisco A see Kotler DP
Francke U, Ochs HD, Darras BT, Swaroop A. Origin of mutations in two families with X-linked chronic granulomatous disease. Blood 1990 Aug 1;76(3):602–6
Franco KN see Marquart JA
François M see Narcy P
Francois M see Polonovski JM
Francomano C see Aryanpur J
Francus T see Baum CG
Frangieh GT see Dugel PU
Frangin G see Khalfallah Y
Frank AO see Meade TW
Frank I see Harris SL
Frank JD see Chambers TL
Frank MB see Fujisaku A
Franke CL see Hendricks HT
Frankel D see Kimball BP
Frankel H see Armitage JM
Frankel WN see Rajan TV
Frankenne F see de Zegher F
Frankl U see Amir D
Franklin I see McMillan AK
Franklin IM, Elias E, Hirsch C. Fluconazole-induced jaundice [letter] Lancet 1990 Sep 1;336(8714):565
Franklin PD, Panzer RJ, Brideau LP, Griner PF. Innovations in clinical practice through hospital-funded grants. Acad Med 1990 Jun;65(6):355–60
Franks AL see Saftlas AF
Franks R, Rothera M. Cardiopulmonary bypass for resection of low tracheal haemangioma. Arch Dis Child 1990 Jun; 65(6):630–2
Franzi AT see Romagnoli G
Frappell J, Pearce JM. Listeriosis revisited: the role of the obstetrician [letter] Br J Obstet Gynaecol 1990 Jun; 97(6):550–1
Frascarolo P see Fitting JW
Fraser HS see Denbow CE
Fraser J see Williams AL
Fraser RS see Walop W
Frasier SD, Lippe BM. Clinical review 11: the rational use of growth hormone during childhood. J Clin Endocrinol Metab 1990 Aug;71(2):269–73 (12 ref.)
Frazier OH see Lammermeier DE
Frederick W see Castro O
Fredrickson PA see Richardson JW
Fredrikson M see Wingren G
Freed H see Piraino D
Freedberg RS see Tunick PA
Freedman B see Wong CK
Freedman LD. Reduced dosage of ceftriaxone for uncomplicated gonorrhea in women. J Fam Pract 1990 Aug;31(2):201–2, 205
Freedman MH see Bronspiegel-Weintrob N
Freeland AP see Black NA
Freeman BA, Coronado JR. The nursing shortage: dynamics and solutions. A supportive clinical practice model. Nurs Clin North Am 1990 Sep;25(3):551–60
Freeman DJ see Breinig MK
Freeman GL. The tadidiin (corn pollen) syndrome [letter] J Allergy Clin Immunol 1990 Aug;86(2):275
Freeman GL Jr see Amano T
Freeman GL Jr see Montesano MA
Freeman JL see Feinmesser R
Freeman PI see Tangalos EG
Freeman R, Perks D. Incidence and range of carboxyhaemoglobin in blood for transfusion. Anaesthesia 1990 Jul;45(7):581–3
Freeman R, Wheeler J, Robertson H, Paes ML, Laidler J. In-vitro production of TNF-alpha in blood samples [letter] Lancet 1990 Aug 4;336(8710):312–3
Freeman TK see Kraenzlin ME
Freeman WK, Schaff HV, Orszulak TA, Tajik AJ. Ultrasonic aortic valve decalcification: serial Doppler echocardiographic follow-up [see comments] J Am Coll Cardiol 1990 Sep;16(3):623–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):631–2.
Freemont AJ see Eastwood JB
Freer CB. Screening the elderly. BMJ 1990 Jun 2; 300(6737):1447–8
Freese JA, Markus MB, Golenser J. Typing of southern African isolates of Plasmodium falciparum using monoclonal antibodies. Am J Trop Med Hyg 1990 Jul; 43(1):19–24
Freestone NS see Dalzell AM
Frei-Lahr D see Brown RA
Freilinger G, Happak W, Burggasser G, Gruber H. Histochemical mapping and fiber size analysis of mimic muscles. Plast Reconstr Surg 1990 Sep;86(3):422–8
Freire WB see Brüssow H
Freireich EJ see Kantarjian HM
French GL. Antibiotics for marine vibrios [letter] Lancet 1990 Sep 1;336(8714):568–9
French GL see Ling JM
French LR, Boen JR, Martinez AM, Bushhouse SA, Sprafka JM, Goetz FC. Population-based study of impaired glucose tolerance and type II diabetes in Wadena, Minnesota. Diabetes 1990 Sep;39(9):1131–7
French MT. Estimating the full cost of workplace injuries. Am J Public Health 1990 Sep;80(9):1118–9
French T see Reed BD
French TA see Ali MS
Frenk H see Hellstern A
(Freud S), Mahony PJ. Freud's major case histories [letter] Am J Psychiatry 1990 Aug;147(8):1109–10
Freund MR, Luft S, Schöber C, Heussner P, Schrezenmaier H, Porzsolt F, Welte K. Differential effect of GM-CSF and G-CSF in cyclic neutropenia [letter] Lancet 1990 Aug 4;336(8710):313
Frey BM see Guentert TW
Frey CF see Stanten R
Frezal J see Melki J
Friday KJ see Kuck KH
Fridkin M see Kornberg A
Fridkin M see Shephard EG
Fried MP, Caminear DS, Sloman-Moll ER. The efficacy of absorbable suture for microvascular anastomoses. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1051–4
Friedli H see Burckhardt JJ
Friedman AH see Heinz ER
Friedman AJ see Rein MS
Friedman CI see Goldberg JM
Friedman DL see Kastner T
Friedman DM, Lazarus HM, Fierman AH. Acute myocardial infarction in pediatric systemic lupus erythematosus.

J Pediatr 1990 Aug;117(2 Pt 1):263–6
Friedman E. Medicare and Medicaid at 25. Hospitals 1990 Aug 5;64(15):38, 42, 46 passim
Friedman E, Bale AE, Marx SJ, Norton JA, Arnold A, Tu T, Aurbach GD, Spiegel AM. Genetic abnormalities in sporadic parathyroid adenomas. J Clin Endocrinol Metab 1990 Aug;71(2):293–7
Friedman E, Perez-Atayde AR, Silvera M, Jonas RA. Growth of tracheal anastomoses in lambs. Comparison of PDS and Vicryl suture material and interrupted and continuous techniques. J Thorac Cardiovasc Surg 1990 Aug; 100(2):188–93
Friedman GM see **Tucker LA**
Friedman HD. Nonmucinous, glycogen-poor cystadenocarcinoma of the pancreas. Arch Pathol Lab Med 1990 Aug;114(8):888–91
Friedman HM see **Harris SL**
Friedman JH see **Rafal RD**
Friedman JM see **Gilchrist DM**
Friedman M see **Yachia D**
Friedmann G see **Luyten PR**
Friedmann P see **Celoria G**
Fries JF, Hunder GG, Bloch DA, Michel BA, Arend WP, Calabrese LH, Fauci AS, Leavitt RY, Lie JT, Lightfoot RW Jr, et al. The American College of Rheumatology 1990 criteria for the classification of vasculitis. Summary. Arthritis Rheum 1990 Aug;33(8):1135–6
Fries JF see **Bloch DA**
Fries JF see **Calabrese LH**
Fries JF see **Hunder GG**
Fries JF see **Leavitt RY**
Fries LF see **Steinhoff MC**
Friesen HG see **Robertson MC**
Frigoletto FD Jr see **Nadel AS**
Frisby HR see **Hoxie NJ**
Frisch J see **Ganser A**
Frist WH see **Morris JA Jr**
Fritz J, Stewart JT. Lorazepam treatment of resistive aggression in dementia [letter] Am J Psychiatry 1990 Sep; 147(9):1250
Fritze J see **Nöthen M**
Frizzera G see **Facchetti F**
Frohlich EP. Combination therapy has potential complications [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):244
Frohman LA see **Kashio Y**
Fromaget JM see **Lesur O**
Fromer M see **Goy JJ**
Fromm BS see **Spears JR**
Froning ML see **Morgan E**
Froom P, Quitt M, Aghai E. Multiple myeloma in the geriatric patient. Cancer 1990 Sep 1;66(5):965–7
Froom P see **Quitt M**
Frownfelter D see **Goldberg AI**
Fruchart JC see **Puchois P**
Fruhmann G see **Hauck RW**
Frumkin NL see **Aniskiewicz AS**
Fry DE see **Osler TM**
Fry L see **Caffrey C**
Fryer A see **Seymour DG**
Frytak S see **Hartmann LC**
Fu YS, Gambone JC, Berek JS. Pathophysiology and management of endometrial hyperplasia and carcinoma [see comments] West J Med 1990 Jul;153(1):50–61 (125 ref.). Comment in: West J Med 1990 Jul;153(1):78–9.
Fuchs AR, Behrens O, Helmer H, Liu CH, Barros CM, Fields MJ. Oxytocin and vasopressin receptors in bovine endometrium and myometrium during the estrous cycle and early pregnancy. Endocrinology 1990 Aug; 127(2):629–36
Fuchs KH see **Stein HJ**
Fuchs T see **Podrid PJ**
Fuchs VR, Garber AM. The new technology assessment. N Engl J Med 1990 Sep 6;323(10):673–7
Fuentes C see **Ulibarri JI**
Fuentes LS see **Kay SR**
Fujieda K see **Tonoki H**
Fujii Y see **Nakahara K**
Fujiki A, Tani M, Mizumaki K, Yoshida S, Sasayama S. Quantification of human concealed atrioventricular nodal conduction: relation to ventricular response during atrial fibrillation. Am Heart J 1990 Sep;120(3):598–603
Fujimori M see **Yukioka H**
Fujimori Y see **Uchida Y**
Fujimoto H see **Araki T**
Fujimura M, Nishioka S, Kumabashiri I, Matsuda T, Mifune J. Effects of aerosol administration of a thromboxane synthetase inhibitor (OKY-046) on bronchial responsiveness to acetylcholine in asthmatic subjects. Chest 1990 Aug;98(2):276–9
Fujino H see **Shiina S**
Fujisaku A, Frank MB, Neas B, Reichlin M, Harley JB. HLA-DQ gene complementation and other histocompatibility relationships in man with the anti-Ro/SSA autoantibody response of systemic lupus erythematosus. J Clin Invest 1990 Aug;86(2):606–11
Fujita J, Sato K, Hata Y, Yamaji Y, Nakamura H, Shiotani T, Irino S. Diffuse centrilobular lesions of the lung caused by Staphylococcus aureus in two immunocompromised patients [letter] AJR Am J Roentgenol 1990 Sep; 155(3):652–3
Fujita M, Yamanishi K, Hirai T, Miwa K, Ejiri M, Asanoi H, Sasayama S. Significance of collateral circulation in reversible left ventricular asynergy by nitroglycerin in patients with relatively recent myocardial infarction. Am Heart J 1990 Sep;120(3):521–8
Fujita M see **Miwa K**
Fujita T, Ito Y, Ando K, Noda H, Ogata E. Attenuated vasodilator responses to Mg2+ in young patients with borderline hypertension. Circulation 1990 Aug; 82(2):384–93
Fujita Y see **Morioka M**
Fujiwara H see **Fujiwara T**
Fujiwara K see **Mochida S**
Fujiwara T, Fujiwara H, Takemura G, Mukoyama M, Saito Y, Nakao K, Imura H, Nakano M, Baba K. Expression and distribution of atrial natriuretic polypeptide in the ventricles of children with myocarditis and/or myocardial infarction secondary to Kawasaki disease: immunohistochemical study. Am Heart J 1990 Sep; 120(3):612–8
Fujiwara T see **Takada H**
Fukao K see **Ebihara T**
Fuks Z see **Wallner KE**
Fukuchi S see **Harada Y**
Fukuda S see **Nakamura Y**
Fukuda Y, Basset F, Soler P, Ferrans VJ, Masugi Y, Crystal RG. Intraluminal fibrosis and elastic fiber degradation lead to lung remodeling in pulmonary Langerhans cell granulomatosis (histiocytosis X). Am J Pathol 1990 Aug; 137(2):415–24
Fukunaga M, Silverberg SG. Kaposi's sarcoma in patients with acquired immune deficiency syndrome. A flow cytometric DNA analysis of 26 lesions in 21 patients. Cancer 1990 Aug 15;66(4):758–64
Fukunami M see **Kumagai K**
Fukutomi O see **Kondo N**
Fukuyama N see **Ishihara T**
Fulcher S see **Jaffe GJ**
Fuldner R see **Cooper HL**
Fuleihan G el-H see **Brown EM**
Fulginiti J see **Dunnington G**
Fulginiti VA. A pertussis vaccine myth dies [editorial] Am J Dis Child 1990 Aug;144(8):860–1
Fuller PJ see **Taylor RG**
Fuller SJ see **DelRossi AJ**
Fullerton GD see **Som PM**
Fulton AI, Yates WR. Adult children of alcoholics. A valid diagnostic group? J Nerv Ment Dis 1990 Aug;178(8):505–9
Funaro A see **Alessio M**
Fung JJ see **Tzakis AG**
Funk K see **Pond-Smith D**
Funk M see **Kreuz W**
Furey SA. Ibuprofen and renal disease [letter] Ann Intern Med 1990 Sep 15;113(6):481–2
Furlow JD, Ahrens H, Mueller GC, Gorski J. Antisera to a synthetic peptide recognize native and denatured rat estrogen receptors. Endocrinology 1990 Sep; 127(3):1028–32
Furnary AM see **Rosato FE**
Furst DE see **Clements PJ**
Furuhashi Y see **Kamiya N**
Furui S, Sawada S, Irie T, Makita K, Yamauchi T, Kusano S, Ibukuro K, Nakamura H, Takenaka E. Hepatic inferior vena cava obstruction: treatment of two types with Gianturco expandable metallic stents [see comments] Radiology 1990 Sep;176(3):665–70. Comment in: Radiology 1990 Sep;176(3):620–1.
Furukawa CT see **Meltzer EO**
Furukawa S see **Bavaria JE**
Furukawa T, Kimura S, Catstellanos A, Bassett AL, Myerburg RJ. In vivo induction of "focal" triggered ventricular arrhythmias and responses to overdrive pacing in the canine heart. Circulation 1990 Aug;82(2):549–59
Furukawa Y see **Kanakura Y**
Furuta T see **Matsumata T**
Furutani Y see **Nishizaki T**
Furuya K see **Mimura Y**
Fusco U see **Maistrelli GL**
Fusi L, Gordon H. Twin pregnancy complicated by single intrauterine death. Problems and outcome with conservative management. Br J Obstet Gynaecol 1990 Jun; 97(6):511–6
Fussek M see **Leonhardt U**
Fussell EN see **Roberts JA**
Fuster V see **Chesebro JH**
Fuster V see **Gunnar RM**
Fuster V see **Hjemdahl-Monsen CE**
Fuster V see **Sanborn TA**
Fuszard B see **Sowell RL**
Futrell N see **Levine SR**
Futterman D see **Kipke MD**
Fye WB. Medical authorship: traditions, trends, and tribulations. Ann Intern Med 1990 Aug 15;113(4):317–25 (95 ref.)
Fyer MR see **Dulit RA**
Fyfe DA see **Zeigler VL**

G

Gabbay RA, Siconolfi-Baez L, Lebovitz HE. Calcium-dependent protein kinase activity is decreased in diabetic rat sciatic nerve. Endocrinology 1990 Sep; 127(3):1194–8
Gabig TG, Eklund EA, Potter GB, Dykes JR 2d. A neutrophil GTP-binding protein that regulates cell free NADPH oxidase activation is located in the cytosolic fraction. J Immunol 1990 Aug 1;145(3):945–51
Gabos S see **Duggan MA**
Gabrielli S see **Cullen MT**
Gabrielli S see **Reece EA**
Gabrielsson BG see **Fairhall KM**
Gacek RR see **Mortelliti AJ**
Gaddis GM, Gaddis ML. Introduction to biostatistics: Part 4, statistical inference techniques in hypothesis testing. Ann Emerg Med 1990 Jul;19(7):820–5
Gaddis ML see **Gaddis GM**
Gafney E see **Mittelman A**
Gage TS, Sussman SK, Conard FU 3d, Hull D, Bartus SA. Pseudoaneurysm of the inferior epigastric artery: diagnosis and percutaneous treatment. AJR Am J Roentgenol 1990 Sep;155(3):529–30
Gagliano DA see **Peachey NS**
Gagnon DR see **Kannel WB**
Gagnon R see **Benzaquen S**
Gahl WA see **Sonies BC**
Gahring LC, Weigle WO. The regulatory effects of cytokines on the induction of a peripheral immunologic tolerance in mice. J Immunol 1990 Sep 1;145(5):1318–23
Gahrton G see **Ljungman P**
Gaich G, Burtis WJ. Measurement of circulating parathyroid hormone-related protein in rats with humoral hypercalcemia of malignancy using a two-site immunoradiometric assay. Endocrinology 1990 Sep; 127(3):1444–9
Gajdusek DC see **Goldfarb LG**
Galanaud P see **Karray S**
Galante JO see **Maloney WJ**
Galantino ML see **Spence DW**
Galask RP see **Grossman JH 3d**
Galasko CS see **Trail IA**
Galassi AR see **Pupita G**
Galbraith NS. Infectious disease control. BMJ 1990 Jun 9; 300(6738):1477–8 (4 ref.)
Galderisi S see **Rossi A**
Galerneau V, Petit J, Deghmani M, Leroy J, Droy JM, Leroy A, Oksenhendler G, Winckler C. Severe self-poisoning with oxetorone: report of one case. J Toxicol Clin Toxicol 1990; 28(1):111–6
Galgiani JN. Fluconazole, a new antifungal agent. Ann Intern Med 1990 Aug 1;113(3):177–9 (31 ref.)
Galgiani JN see **Kramer MR**
Gallacher C see **Ross PE**
Gallagher BB see **Huh K**
Gallagher J see **Smith AB**
Gallagher KP see **Li GC**
Gallagher KP see **Zweng TN**
Gallagher ND see **McDonald JA**
Gallagher R see **Caffrey C**
Gallant S see **Lake CR**
Gallant SJ see **Hamilton JA**
Gallatin WM see **Sandmaier BM**
Galle PC see **Visnesky PM**
Gallerano RH, Marr JJ, Sosa RR. Therapeutic efficacy of allopurinol in patients with chronic Chagas' disease. Am J Trop Med Hyg 1990 Aug;43(2):159–66
Gallery ME, Allison EJ Jr, Mitchell JM, Williams R. Manpower needs in academic emergency medicine. Ann Emerg Med 1990 Jul;19(7):797–801
Galli F see **Piazza V**
Gallin JI see **Margolis DM**
Gallin JI see **Rex JH**
Galloway D see **Kiviat N**
Galloway PG, Mulvihill P, Siedlak S, Mijares M, Kawai M, Padget H, Kim R, Perry G. Immunochemical demonstration of tropomyosin in the neurofibrillary pathology of Alzheimer's disease. Am J Pathol 1990 Aug;137(2):291–300
Gallucci M see **Caione P**
Gamberini G see **D'Alessandro R**
Gambetti P see **Cras P**
Gamble JM see **Cassell KJ**
Gamble S see **Rock KL**
Gamble WB Jr see **Jones JL**
Gambón F see **Nieto MA**
Gambone JC, Reiter RC, Lench JB, Moore JG. The impact of a quality assurance process on the frequency and confirmation rate of hysterectomy. Am J Obstet Gynecol 1990 Aug;163(2):545–50
Gambone JC see **Fu YS**
Gamelli RL see **Hebert JC**
Gammie AJ see **Turner PC**
Gamsu G see **Camargo CA Jr**
Gamulin S see **Romic Stojkovic R**
Gancel A see **Levesque H**
Gandhi DK see **Cutler NR**
Gandola C. Asymptomatic pituitary adenomas [letter] Ann Intern Med 1990 Sep 15;113(6):482
Gangar KF see **Stevenson JC**
Gangi D see **Lheureux P**
Gani K see **Reinhart RA**
Gannon MC see **Westphal SA**
Gannon MI see **Wentz DK**
Gans MS, Melmed CA. Downbeat nystagmus associated with dolichoectasia of the vertebrobasilar artery [letter] Arch Neurol 1990 Aug;47(8):843
Gans RO see **Pool MO**

Ganser A, Lindemann A, Seipelt G, Ottmann OG, Herrmann F, Eder M, Frisch J, Schulz G, Mertelsmann R, Hoelzer D. Effects of recombinant human interleukin-3 in patients with normal hematopoiesis and in patients with bone marrow failure. Blood 1990 Aug 15;76(4):666-76
Ganser A, Seipelt G, Lindemann A, Ottmann OG, Falk S, Eder M, Herrmann F, Becher R, Höffken K, Büchner T, et al. Effects of recombinant human interleukin-3 in patients with myelodysplastic syndromes. Blood 1990 Aug 1;76(3):455-62
Gansky S see **Leor J**
Ganz P see **Nabel EG**
Ganz T see **Saxon A**
Ganzarain R, Buchele BJ. Review of fugitives of incest [letter] Am J Psychiatry 1990 Aug;147(8):1109
Garand G see **Calais G**
Garba S see **Develoux M**
Garbadawala ST see **Choi CH**
Garber AM see **Fuchs VR**
García C see **González T**
Garcia CF see **Cavanzo FJ**
Garcia DM see **Michalski JM**
Garcia G, Smedile A, Bergmann KF, Gerin JL, Gregory PB, Merigan TC, Robinson WS. Acute delta hepatitis during treatment with adenosine arabinoside monophosphate with resolution of the HBsAg carrier state. West J Med 1990 Jul;153(1):80-2
García MA see **Eguaras MG**
Garcia R, Saroyan RM, Senkowsky J, Smith F, Kerstein M. Intraoperative intra-arterial urokinase infusion as an adjunct to Fogarty catheter embolectomy in acute arterial occlusion. Surg Gynecol Obstet 1990 Sep;171(3):201-5
García-Bragado F see **Montesagudo M**
García-del-Castillo H see **Tornos MP**
Garcia-Dorado D, Théroux P, Solares J, Alonso J, Fernandez-Avilés F, Elizaga J, Soriano J, Botas J, Munoz R. Determinants of hemorrhagic infarcts. Histologic observations from experiments involving coronary occlusion, coronary reperfusion, and reocclusion. Am J Pathol 1990 Aug;137(2):301-11
García Olmo D see **Parrilla Paricio P**
García-Pagan JC see **Agusti AG**
Gardi A see **Burckhardt JJ**
Gardinali M see **Cicardi M**
Gardiner GA see **Rosato FE**
Gardiner J see **Fitzgibbon D**
Gardner MJ see **Nakayama DK**
Gardner TJ see **Horneffer PJ**
Garg A, Grundy SM. Nicotinic acid as therapy for dyslipidemia in non-insulin-dependent diabetes mellitus. JAMA 1990 Aug 8;264(6):723-6
Garg LC, Kapturczak E. Stimulation of phosphoinositide hydrolysis in renal medulla by vasopressin. Endocrinology 1990 Sep;127(3):1022-7
Gariglio M see **Nicoletti F**
Garin B see **Kazadi K**
Garnacho J see **Pachon J**
Garner A see **Smith JT**
Garner PR, D'Alton ME, Dudley DK, Huard P, Hardie M. Preeclampsia in diabetic pregnancies. Am J Obstet Gynecol 1990 Aug;163(2):505-8
Garness SL see **Tangalos EG**
Garnett HM see **Moses AV**
Garoutte BC see **Breslin EH**
Garrett M see **Shepherd VL**
Garrity JA see **Bartley GB**
Garrity JA see **Kalina PH**
Garruto RM see **Yanagihara R**
Garry SL see **Craven CM**
Garton GR, Schomberg PJ, Scheithauer BW, Shaw EG, Ilstrup DM, Blackwell CR, Laws ER Jr, Earle JD. Medulloblastoma--prognostic factors and outcome of treatment: review of the Mayo Clinic experience. Mayo Clin Proc 1990 Aug;65(8):1077-86
Garuti GC see **Petraglia F**
Garza C, Butte NF. Energy intakes of human milk-fed infants during the first year. J Pediatr 1990 Aug;117(2 Pt 2):S124-31
Gascoigne NR see **Jameson SC**
Gash DM see **Kordower JH**
Gass J see **White JV**
Gasser G. Creutzfeldt-Jakob disease [letter] BMJ 1990 Jun 9;300(6738):1523
Gassner M see **Stürchler D**
Gatell JA, Barst SM, Desiderio DP, Kolker AC, Scher CS. A new technique for replacing an endobronchial double-lumen tube with an endotracheal single-lumen tube. Anesthesiology 1990 Aug;73(2):340-1
Gatell JM see **Torres A**
Gates HS Jr. Definition of primiparas [letter] Am J Obstet Gynecol 1990 Aug;163(2):677
Gathiram V see **Ravdin JI**
Gatrell A see **Mitchell JD**
Gatsonis CA see **Rifkin MD**
Gatter KC see **Pezzella F**
Gatzemeyer U see **Kaukel E**
Gaudry PL see **Deane SA**
Gaulard P see **Bordessoule D**
Gault DT see **Murphy PM**
Gault DT see **Skene AI**
Gaumond BR see **Ginns LC**
Gaunt J see **Wilson NM**
Gauthier AP see **Bourlière M**
Gauthier B see **Venkataseshan VS**
Gavilán C see **Gavilán J**
Gavilán J, Nistal M, Gavilán C, Calvo M. Ossifying hemangioma of the temporal bone. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):965-7
Gavilondo-Cowley JV see **Robbins DL**
Gavin JR 3d. Glyburide: new insights into its effects on the beta cell and beyond---introduction. Am J Med 1990 Aug 20;89(2A):1S-2S
Gavin JR 3d see **Karl IE**
Gavrielides S see **Pupita G**
Gay I see **Elidan J**
Gayle RG see **Feinberg RL**
Gazmuri RJ see **Weil MH**
Gazzard BG see **Connolly GM**
Gazzinelli G see **Montesano MA**
Gbaanador GB see **Stothert JC Jr**
Geagen M see **Caty MG**
Gean-Marton A see **Truwit CL**
Gearhart JP, Donohoue PA, Brown TR, Walsh PC, Berkovitz GD. Endocrine evaluation of adults with mild hypospadias. J Urol 1990 Aug;144(2 Pt 1):274-7
Gearhart JP see **Leonard MP**
Geary KJ see **Ouriel K**
Geddes DM see **Nichol GM**
Gee H see **Oláh KS**
Geehr EC see **De Lorenzo RA**
Geelen-van den Broek L see **van Alphen L**
Geelkerken RH, van Bockel JH, de Roos WK, Hermans J. Coeliac artery compression syndrome: the effect of decompression. Br J Surg 1990 Jul;77(7):807-9
Geffner ME, Bersch N, Lippe BM, Rosenfeld RG, Hintz RL, Golde DW. Growth hormone mediates the growth of T-lymphoblast cell lines via locally generated insulin-like growth factor-I. J Clin Endocrinol Metab 1990 Aug; 71(2):464-9
Gefter WB, Hatabu H, Dinsmore BJ, Axel L, Palevsky HI, Reichek N, Schiebler ML, Kressel HY. Pulmonary vascular cine MR imaging: a noninvasive approach to dynamic imaging of the pulmonary circulation. Radiology 1990 Sep; 176(3):761-70
Geha RS see **Lauener RP**
Gehan EA see **Cangir A**
Gehring R see **Ausman JI**
Geier G see **Donohue JP**
Geil PB see **Anderson JW**
Geisler FH see **Mirvis SE**
Gelber RD see **Goldhirsch A**
Gelberman RH see **O'Neill DB**
Gelder CM see **Assem ES**
Geldof H, van der Schee EJ, van Blankenstein M, Smout AJ, Akkermans LM. Effects of highly selective vagotomy on gastric myoelectrical activity. An electrogastrographic study. Dig Dis Sci 1990 Aug;35(8):969-75
Gelfand DW see **Chen MY**
Gellad FE, Sadato N, Numaguchi Y, Levine AM. Vascular metastatic lesions of the spine: preoperative embolization. Radiology 1990 Sep;176(3):683-6
Geller JL, Fisher WH, Wirth-Cauchon JL, Simon LJ. Second-generation deinstitutionalization, I: The impact of Brewster v. Dukakis on state hospital case mix. Am J Psychiatry 1990 Aug;147(8):982-7
Geller JL, Fisher WH, Simon LJ, Wirth-Cauchon JL. Second-generation deinstitutionalization, II: The impact of Brewster v. Dukakis on correlates of community and hospital utilization. Am J Psychiatry 1990 Aug; 147(8):988-93
Geller NL see **Motzer RJ**
Gelletly SK see **Smith AB**
Gellhaus TM see **Zlatnik FJ**
Gelman RS see **Goldhirsch A**
Geltman EM, Henes CG, Senneff MJ, Sobel BE, Bergmann SR. Increased myocardial perfusion at rest and diminished perfusion reserve in patients with angina and angiographically normal coronary arteries [see comments] J Am Coll Cardiol 1990 Sep;16(3):586-95. Comment in: J Am Coll Cardiol 1990 Sep;16(3):596-8.
Gemell NI. Radiology department organization [letter] Radiology 1990 Sep;176(3):876
Gemignani G see **Olivieri I**
Geminiani G see **Bisiach E**
Gemmell CG see **McKinlay AW**
Genazzani AR see **Petraglia F**
Gengenbach S see **Hauck RW**
Gennoni M see **Wilder-Smith CH**
Gennser G see **Stale H**
Gent JP see **Edwards M**
Gentilini M see **Caumes E**
Geokas MC, Lakatta EG, Makinodan T, Timiras PS. The aging process. Ann Intern Med 1990 Sep 15;113(6):455-66 (133 ref.)
George B see **O'Connor CM**
George ED see **Ondra SL**
George RB see **Guidry GG**
George RC see **Woodford N**
George SM Jr see **Fabian TC**
George WL see **Mui BS**
George-Diolombi G see **Warter A**
Georgiou D, Brundage BH. Chest pain and increased CK-MB enzyme levels [clinical conference] Chest 1990 Aug; 98(2):442-7
Gephardt GN, Shah LF, Tubbs RR, Ahmad M. Wegener's granulomatosis. Immunomicroscopic and ultrastructural study of four cases. Arch Pathol Lab Med 1990 Sep; 114(9):961-5
Gerard A see **Bourguignon JP**
Gerard-Martin S see **Cassell KJ**
Gerber MA see **Lampertico P**
Gerber MA, Facklam RR, Randolph MF, DeMeo KK. New colorimetric test for rapid diagnosis of streptococcal pharyngitis: a warning. Pediatrics 1990 Sep;86(3):457-9
Gerbershagen HU see **Lang E**
Gerety RJ see **Tabor E**
Gerich JE see **Jenssen T**
Gerin JL see **Garcia G**
Germak JA, Foley TP Jr. Longitudinal assessment of L-thyroxine therapy for congenital hypothyroidism. J Pediatr 1990 Aug;117(2 Pt 1):211-9
Geroldinger E see **Papp C**
Gerr F, Hershman D, Letz R. Vibrotactile threshold measurement for detecting neurotoxicity: reliability and determination of age- and height-standardized normative values. Arch Environ Health 1990 May-Jun;45(3):148-54
Gersell DJ see **Zutter MM**
Gershel JC see **Crain EF**
Gershon AA see **LaRussa PS**
Gerson CD see **Kornbluth A**
Gerstmann DR see **deLemos RA**
Gertsch P see **Baer HU**
Gerundini M see **Maistrelli GL**
Gervais R see **Dumur V**
Gery I see **de Smet MD**
Geschwind HJ, Dubois-Randé JL, Murphy-Chutorian D, Tomaru T, Zelinsky R, Loisance D. Percutaneous coronary angioplasty with mid-infrared laser and a new multifibre catheter [letter] Lancet 1990 Jul 28;336(8709):245-6
Getty CJ see **Stockley I**
Geuna M see **Alessio M**
Geuskens R see **Kaulitz R**
Gevaudan MJ see **Charpin D**
Gewirtz AM see **Williams AG**
Gewitz MH see **Schwarz SM**
Geyer AB see **Valk PE**
Geyer MA see **Kim S**
Ghalim N see **Puchois P**
Ghambeer D see **Banerjee A**
Ghanaam B see **Hady MR**
Ghatei MA see **O'Halloran DJ**
Ghazi DM see **Kemmann E**
Ghelman B see **Brien WW**
Ghigo E, Arvat E, Nicolosi M, Bellone J, Valetto MR, Mazza E, Imperiale E, Procopio M, Ghigo MC, Camanni F. Acute clonidine administration potentiates spontaneous diurnal, but not nocturnal, growth hormone secretion in normal short children. J Clin Endocrinol Metab 1990 Aug; 71(2):433-5
Ghigo MC see **Ghigo E**
Ghose RR. Prolonged recovery of renal function after prostatectomy for prostatic outflow obstruction. BMJ 1990 May 26;300(6736):1376-7
Ghosh N see **Bhatavdekar JM**
Giacco G see **el-Naggar AK**
Giachino O see **Maina A**
Giacoia GP. Cocaine in the cradle: a hidden epidemic. South Med J 1990 Aug;83(8):947-51 (38 ref.)
Gianantonio CA see **Perelstein EM**
Giangola G see **Esposito RA**
Giannessi D see **DeCaterina R**
Giannico S see **Marcelletti C**
Giannini MJ, Bueno JP, Shikanai-Yasuda MA, Stolf AM, Masuda A, Amato Neto V, Ferreira AW. Antibody response to the 43 kDa glycoprotein of Paracoccidioides brasiliensis as a marker for the evaluation of patients under treatment. Am J Trop Med Hyg 1990 Aug;43(2):200-6
Giannini SH see **Saravia NG**
Giard RW see **Akkersdijk GJ**
Giard RW, Hermans J. Interpretation of diagnostic cytology with likelihood ratios. Arch Pathol Lab Med 1990 Aug; 114(8):852-4
Giardino L see **Petraglia F**
Gibbons MD see **Tarkington MA**
Gibbons R see **Fawcett J**
Gibbons RD, Davis JM, Hedeker DR. A comment on the selection of 'healthy controls' for psychiatric experiments [letter] Arch Gen Psychiatry 1990 Aug;47(8):785-6
Gibbons RJ see **Clements IP**
Gibbs P see **Stehling MK**
Gibbs RS see **Harger JH**
Gibbs RS see **Silver HM**
Gibson DL, Sheps SB, Uh SH, Schechter MT, McCormick AQ. Retinopathy of prematurity-induced blindness: birth weight-specific survival and the new epidemic. Pediatrics 1990 Sep;86(3):405-12
Gibson GR, Cummings JH, Macfarlane GT, Allison C, Segal I, Vorster HH, Walker AR. Alternative pathways for hydrogen disposal during fermentation in the human colon. Gut 1990 Jun;31(6):679-83
Gibson HN see **Mitchell JD**
Gibson JJ, Hornung CA, Alexander GR, Lee FK, Potts WA, Nahmias AJ. A cross-sectional study of herpes simplex virus types 1 and 2 in college students: occurrence and determinants of infection. J Infect Dis 1990 Aug; 162(2):306-12

Gibson M see **Nakajima ST**
Gibson P, Wright D. Information retrieval systems [letter] J Fam Pract 1990 Aug;31(2):121–2
Gibson T. Evolution of catgut ligatures: the endeavours and success of Joseph Lister and William Macewen. Br J Surg 1990 Jul;77(7):824–5
Gibson T see **Corkill MM**
Gidding SS see **Bookstein L**
Gieron MA see **Jacobs MB**
Giesbrecht E see **Stone J**
Giesecke AH see **Crowley DS**
Giesecke J, Ramstedt K, Ripa T, Rådö G, Scalia-Tomba G, Westrell M. Partner notification for HIV in Sweden [letter] Lancet 1990 Aug 25;336(8713):508
Giglio JA, Laskin DM. Double-blind comparison of meclofenamate sodium plus codeine, meclofenamate sodium, codeine, and placebo for relief of pain following surgical removal of third molars. J Oral Maxillofac Surg 1990 Aug;48(8):785–90
Giguère V see **Tran-Paterson R**
Gil-Rodriguez J, Harrop-Griffiths W, Maddocks A. Contamination of scavenging systems [letter] Anaesthesia 1990 Jun;45(6):499–500
Gilbert BE see **Englund JA**
Gilbert EM see **Bristow MR**
Gilbert F see **Walop W**
Gilchrest BA see **Phillips TJ**
Gilchrist DM, Friedman JM, Wilson RD. Maternal serum alpha-fetoprotein in pregnancy [letter] Am J Obstet Gynecol 1990 Aug;163(2):692–3
Gilden D see **Mahalingam R**
Giles A see **Mann KG**
Giles G see **Mitchell H**
Gilks CF, Brindle RJ, Otieno LS, Simani PM, Newnham RS, Bhatt SM, Lule GN, Okelo GB, Watkins WM, Waiyaki PG, et al. Life-threatening bacteraemia in HIV-1 seropositive adults admitted to hospital in Nairobi, Kenya. Lancet 1990 Sep 1;336(8714):545–9
Gill B, Kogan SJ, Maldonado J, Reda E, Levitt SB. Significance of intraoperative venographic patterns on the postoperative recurrence and surgical incision placement of pediatric varicoceles. J Urol 1990 Aug;144(2 Pt 2):502–5; discussion 512–3
Gill B see **Kogan SJ**
Gill SS, Donati F, Bevan DR. Clinical evaluation of double-burst stimulation. Its relationship to train-of-four stimulation. Anaesthesia 1990 Jul;45(7):543–8
Gill TJ 3d see **Ho HN**
Gilladoga A see **Howard RJ**
Gillam L see **Flachskampf FA**
Giller EL Jr see **Southwick SM**
Gillespie J see **Poston GJ**
Gillet C, Corvilain J, Matte-Hiriart J, Willems D, Bergmann P. Effect of acute hypercalcemia on thyrotropin (TSH) and triiodothyronine responses to TSH-releasing hormone in man. J Clin Endocrinol Metab 1990 Aug;71(2):516–9
Gillette PC see **Zeigler VL**
Gilliland MA see **Balzano S**
Gillin JC see **Irwin M**
Gillingham KJ see **Salerno DM**
Gillis J, Kilham H. Entrapment [editorial] Crit Care Med 1990 Aug;18(8):897
Gillis P see **Casteels-Van Daele M**
Gillman MA. Opioid action of analgesic nitrous oxide [letter] Ann Emerg Med 1990 Jul;19(7):843–4
Gillock CB, Sahni KS, Mumaw VR, Meier FA. Cerebral botryomycosis: case study. J Infect Dis 1990 Sep; 162(3):765–7
Gilman RH see **Gonzalez AE**
Gilmour RF see **McLorie GA**
Gilsanz V, Carlson ME, Roe TF, Ortega JA. Osteoporosis after cranial irradiation for acute lymphoblastic leukemia. J Pediatr 1990 Aug;117(2 Pt 1):238–44
Gilstrap LC 3d see **Maberry MC**
Gimbel GL. Can shoulder dystocia be predicted? [letter] Am J Obstet Gynecol 1990 Aug;163(2):680
Gimbel GL. Colposcopy in diethylstilbestrol-exposed offspring [letter] Am J Obstet Gynecol 1990 Aug; 163(2):703
Gimbel HV, Van Westenbrugge JA, Sanders DR, Raanan MG. Effect of sulcus vs capsular fixation on YAG-induced pressure rises following posterior capsulotomy. Arch Ophthalmol 1990 Aug;108(8):1126–9
Gimenez MI see **Perelstein EM**
Gimple LW see **Gold HK**
Gin T see **Ewart MC**
Ginanni R see **Gorini M**
Ginns LC, De Hoyos A, Brown MC, Gaumond BR. Elevated concentration of soluble interleukin-2 receptors in serum of smokers and patients with lung cancer. Correlation with clinical activity. Am Rev Respir Dis 1990 Aug; 142(2):398–402
Ginsberg N see **Strom CM**
Ginsberg-Fellner F see **Rubinstein P**
Ginzburg HM see **Lee HH**
Gionchetti P, Guarnieri C, Campieri M, Belluzzi A, Brignola C, Iannone P, Miglioli M, Barbara L. Scavenger effect of sulphasalazine (SASP), 5-aminosalicylic acid (5-ASA), and olsalazine (OAZ) [letter] Gut 1990 Jun;31(6):730–1
Giorgi D see **Sarles H**
Giorgi LV see **Kahn JK**
Giorgi PL see **Catassi C**
Giostra E see **Pascual M**
Giovangrandi Y, Daffos F, Kaplan C, Forestier F, Mac Aleese J, Moirot M. Very early intracranial haemorrhage in alloimmune fetal thrombocytopenia [letter] Lancet 1990 Aug 4;336(8710):310
Giralt M see **Lafuente A**
Girard B see **Orloff MJ**
Girard C see **Jegaden O**
Girard J, Wang B. A cholesterol screening and health assessment of medical students. Acad Med 1990 Jun; 65(6):422
Girard Y see **Manning PJ**
Girgis NI, Farid Z, Kilpatrick ME, Sultan Y. Dexamethasone for meningitis [letter] Ann Intern Med 1990 Sep 1; 113(5):410
Girgis NI see **Sippel JE**
Giri DD see **Bhatavdekar JM**
Girling DJ see **Chan SL**
Girolomoni G, Tigelaar RE. Capsaicin-sensitive primary sensory neurons are potent modulators of murine delayed-type hypersensitivity reactions. J Immunol 1990 Aug 15;145(4):1105–12
Girotti MJ see **Teodorczyk-Injeyan JA**
Giroux F see **Poulin de Courval L**
Gisselbrecht C see **Milpied N**
Githure JI see **Lawyer PG**
Gitlin M see **Ellicott A**
Gitterman SR, Drusano GL, Egorin MJ, Standiford HC. Population pharmacokinetics of zidovudine. The Veterans Administration Cooperative Studies Group. Clin Pharmacol Ther 1990 Aug;48(2):161–7
Giusti V see **Ferrazza A**
Gladstone LL. Diagnosis of coronary artery disease [letter] Ann Intern Med 1990 Sep 1;113(5):410–1
Glagov S see **Singh TM**
Glasebrook AL see **Ernst DN**
Glaser R, Kennedy S, Lafuse WP, Bonneau RH, Speicher C, Hillhouse J, Kiecolt-Glaser JK. Psychological stress-induced modulation of interleukin 2 receptor gene expression and interleukin 2 production in peripheral blood leukocytes. Arch Gen Psychiatry 1990 Aug;47(8):707–12
Glashan RW. A randomized controlled study of intravesical alpha-2b-interferon in carcinoma in situ of the bladder. J Urol 1990 Sep;144(3):658–61
Glass R see **Gouvea V**
Glass RI see **LeBaron CW**
Glass-Royal M see **Nelson MC**
Glasser MA. Certification and recertification. A consumer's view. Clin Orthop 1990 Aug;(257):38–42
Glassman MB see **Lipper EG**
Glassman MS, Dallal S, Berezin SH, Bostwick HE, Newman LJ, Perez-Perez GI, Blaser MJ. Helicobacter pylori-related gastroduodenal disease in children. Diagnostic utility of enzyme-linked immunosorbent assay. Dig Dis Sci 1990 Aug;35(8):993–7
Glassman MS see **Schwarz SM**
Glaze BJ see **Ray R**
Glazer HS see **Molina PL**
Gleeson K, Zwillich CW, White DP. The influence of increasing ventilatory effort on arousal from sleep. Am Rev Respir Dis 1990 Aug;142(2):295–300
Glennon TP, Smith BS. Questions asked by patients and their support groups during family conferences on inpatient rehabilitation units. Arch Phys Med Rehabil 1990 Aug; 71(9):699–702
Glenthøj A, Sehested M, Torp-Pedersen S. Ultrasonically guided histological and cytological fine needle biopsies of the pancreas. Reliability and reproducibility of diagnoses. Gut 1990 Aug;31(8):930–3
Glickman M see **Hall SM**
Glimelius B see **Enblad G**
Glimelius B see **Enblad P**
Glinoer D, de Nayer P, Bourdoux P, Lemone M, Robyn C, van Steirteghem A, Kinthaert J, Lejeune B. Regulation of maternal thyroid during pregnancy. J Clin Endocrinol Metab 1990 Aug;71(2):276–87
Glogar D see **Pollak H**
Gloghini A see **Maio M**
Glomaud D see **Ng Wingtin L**
Glover JL see **Lucas RJ**
Gluckman E see **Pol S**
Glynn RJ see **Oliveira CA**
Gobbi PG, Pieresca C, Ricciardi L, Vacchi S, Bertoloni D, Rossi A, Grignani G, Rutigliano L, Ascari E. Night sweats in Hodgkin's disease. A manifestation of preceding minor febrile pulses. Cancer 1990 May 1;65(9):2074–7
Gobet MG see **Mazza MM**
Godbold JH see **Lilienfeld DE**
Godeau P see **Herson S**
Godfrey PS, Toone BK, Carney MW, Flynn TG, Bottiglieri T, Laundy M, Chanarin I, Reynolds EH. Enhancement of recovery from psychiatric illness by methylfolate. Lancet 1990 Aug 18;336(8712):392–5
Godman MJ see **Kaulitz R**
Godwin ID see **Mogadam M**
Godwin TA see **Ngoi SS**
Goedert JJ see **Rabkin CS**
Goehle S see **Schuening FG**
Goeteyn M see **De Baets FM**
Goetz FC see **French LR**
Goff WB 2d, Lawrence DP, Deweese RA. Rhabdomyosarcoma of the testicular appendage in an infant: case report. Clin Pediatr (Phila) 1990 Jul;29(7):412–3
Goh KT, Yew FS, Ong KH, Tan IK. Acute organophosphorus food poisoning caused by contaminated green leafy vegetables. Arch Environ Health 1990 May-Jun; 45(3):180–4
Gohr C see **Edmiston CE Jr**
Goitein M. Waiting patiently. N Engl J Med 1990 Aug 30; 323(9):604–8
Golan DE see **Greenberg SM**
Gold A. Periodic health examination, 1990 update: 1. Early detection of hyperthyroidism and hypothyroidism in adults and screening of newborns for congenital hypothyroidism [letter] Can Med Assoc J 1990 Aug 15;143(4):259–60
Gold D see **Schwartz J**
Gold HK, Gimple LW, Yasuda T, Leinbach RC, Werner W, Holt R, Jordan R, Berger H, Collen D, Coller BS. Pharmacodynamic study of F(ab')2 fragments of murine monoclonal antibody 7E3 directed against human platelet glycoprotein IIb/IIIa in patients with unstable angina pectoris. J Clin Invest 1990 Aug;86(2):651–9
Gold HK see **Yasuda T**
Gold PW see **Demitrack MA**
Gold SH see **Abshire TC**
Goldacre MJ see **Henderson J**
Goldbaum TS see **Shawl FA**
Goldberg AI, Frownfelter D. The Ventilator-assisted Individuals Study. Chest 1990 Aug;98(2):428–33
Goldberg IJ, Blaner WS, Vanni TM, Moukides M, Ramakrishnan R. Role of lipoprotein lipase in the regulation of high density lipoprotein apolipoprotein metabolism. Studies in normal and lipoprotein lipase-inhibited monkeys. J Clin Invest 1990 Aug;86(2):463–73
Goldberg J see **Henderson WG**
Goldberg JM, Haering PL, Friedman CI, Dodds WG, Kim MH. Antisperm antibodies in women undergoing intrauterine insemination. Am J Obstet Gynecol 1990 Jul; 163(1 Pt 1):65–8
Goldberg JM see **Ollendorff DA**
Goldberg JS see **Thimaporn J**
Goldberg PL, Evans PF, Filshie J. Kinking of the laryngeal mask airway in two children [letter] Anaesthesia 1990 Jun; 45(6):487–8
Goldberg RL see **Wise TN**
Goldberg RM see **Windschitl HE**
Goldberg SL see **Davidson PG**
Goldbourt U see **Leor J**
Golde DW see **Geffner ME**
Golden JA see **Conte JE Jr**
Golden RN see **Ekstrom D**
Goldenkranz RJ see **Eisenbud DE**
Goldenring JR see **Lewis JJ**
Goldfarb LG, Mitrová E, Brown P, Toh BK, Gajdusek DC. Mutation in codon 200 of scrapie amyloid protein gene in two clusters of Creutzfeldt-Jakob disease in Slovakia [letter] Lancet 1990 Aug 25;336(8713):514–5
Goldfarb R, Ongseng F, Finestone H, Bagchee CN. Prompt diagnosis of acute cholecystitis in the critically ill [letter] Am J Surg 1990 Aug;160(2):235
Goldfine J see **Lieberman MD**
Goldhaber SZ see **Wilson MG**
Goldhirsch A, Gelman RS, Gelber RD, Castiglione M. Treatment of breast cancer in elderly patients [letter] Lancet 1990 Sep 1;336(8714):564
Goldin R see **Jacyna MR**
Golding J see **Bijur PE**
Goldman A, Beardsmore S, Hunt J. Palliative care for children with cancer—home, hospital, or hospice? Arch Dis Child 1990 Jun;65(6):641–3
Goldman L see **White LD**
Goldman LR, Beller M, Jackson RJ. Aldicarb food poisonings in California, 1985-1988: toxicity estimates for humans. Arch Environ Health 1990 May-Jun;45(3):141–7
Goldman S see **Kern KB**
Goldman S see **Litwin SE**
Goldmann DA see **Kojima Y**
Goldschmeding R see **Tervaert JW**
Goldsmith JC see **Haire WD**
Goldsmith LT see **Steinetz BG**
Goldsmith MF. Science ponders whether HIV acts alone or has another microbe's aid [news] JAMA 1990 Aug 8; 264(6):665–6
Goldsmith MF. CDC ponders new HIV guidelines [news] JAMA 1990 Sep 5;264(9):1079
Goldstein AL see **Hsia J**
Goldstein GM see **Sheps DS**
Goldstein H, Koerholz D, Chesky L, Fan XD, Ambrus JL Jr. Divergent activities of protein kinases in IL-6-induced differentiation of a human B cell line. J Immunol 1990 Aug 1;145(3):952–61
Goldstein I, Wise GJ, Tancer ML. A vesicovaginal fistula and intravesical foreign body. A rare case of the neglected pessary. Am J Obstet Gynecol 1990 Aug;163(2):589–91
Goldstein I see **Blanco R**
Goldstein J see **Munoz E**
Goldstein JA, Barzilai B, Rosamond TL, Eisenberg PR, Jaffe AS. Determinants of hemodynamic compromise with severe right ventricular infarction. Circulation 1990 Aug; 82(2):359–68
Goldstein JE see **Haft JI**
Goldstein JM, Shaywitz BA, Sze G, Nallainathan S. Migraine associated with focal cerebral edema, cerebrospinal fluid pleocytosis, and progressive cerebellar ataxia: MRI

documentation. Neurology 1990 Aug;40(8):1284–7
Goldstein R, Duvic M, Targoff IN, Reichlin M, McMenemy AM, Reveille JD, Warner NB, Pollack MS, Arnett FC. HLA–D region genes associated with autoantibody responses to histidyl–transfer RNA synthetase (Jo–1) and other translation–related factors in myositis. Arthritis Rheum 1990 Aug;33(8):1240–8 (55 ref.)
Goldstein RA, Rohatgi PK, Bergofsky EH, Block ER, Daniele RP, Dantzker DR, Davis GS, Hunninghake GW, King TE Jr, Metzger WJ, et al. Clinical role of bronchoalveolar lavage in adults with pulmonary disease. Am Rev Respir Dis 1990 Aug;142(2):481–6 (91 ref.)
Goldstein RA. Wanted: dead or alive—the search for markers of myocardial viability [comment] J Am Coll Cardiol 1990 Aug;16(2):486–8 (30 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):477–85.
Goldstein RJ see **Feliciano N**
Goldstein RL. New extension of the Tarasoff decision [letter] Am J Psychiatry 1990 Sep;147(9):1250–1
Goldstein SR, Nachtigall M, Snyder JR, Nachtigall L. Endometrial assessment by vaginal ultrasonography before endometrial sampling in patients with postmenopausal bleeding. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):119–23
Goldstone AH see **McMillan AK**
Goldwyn RM. How good are our breast reconstructions? [editorial] Plast Reconstr Surg 1990 Sep;86(3):548–9
Goldwyn RM see **Slavin SA**
Golenser J see **Freese JA**
Golino P see **Yao SK**
Golladay ES, Wagner CW. Pediatric pilonidal disease: a method of management. South Med J 1990 Aug;83(8):922–4
Gollub E see **Westhoff C**
Goltzman D see **Henderson J**
Golubjatnikov R see **Hoxie NJ**
Gomella LG see **Robertson CN**
Gomez PM see **Nihoyannopoulos P**
Gomez–Sanchez CE see **Cozza EN**
Gomi A see **Takeuchi Y**
Goncalves A see **Saravia NG**
Gonen B see **Elidan J**
Gonnering RS see **Massaro BM**
Gonnet JM see **Cabrol D**
Gonsoulin W, Borge D, Moise KJ Jr. Rupture of unscarred uterus in primigravid woman in association with cocaine abuse. Am J Obstet Gynecol 1990 Aug;163(2):526–7
Gonsoulin W see **Smith LG Jr**
Gonzales R see **Smith AJ**
González A see **Nieto MA**
Gonzalez AE, Cama V, Gilman RH, Tsang VC, Pilcher JB, Chavera A, Castro M, Montenegro T, Verastegui M, Miranda E, et al. Prevalence and comparison of serologic assays, necropsy, and tongue examination for the diagnosis of porcine cysticercosis in Peru. Am J Trop Med Hyg 1990 Aug;43(2):194–9
Gonzalez C see **Couch JM**
González J see **Torres A**
Gonzalez R see **Aliabadi H**
González T, García C, Rodríguez C, González–Antón R. Ankylosing spondylitis in aborigines (guanches) of the Canary Islands [letter] Arthritis Rheum 1990 Aug; 33(8):1294–5
González–Antón R see **González T**
Gonzalez–DeWhitt P see **Cras P**
Gonzalzles A see **Patterson R**
Good ML. Anaesthesia simulators and training devices [editorial] Anaesthesia 1990 Jul;45(7):525–6
Goodchild CS see **Edwards M**
Goode HF, Kelleher J, Walker BE. Relation between zinc status and hepatic functional reserve in patients with liver disease. Gut 1990 Jun;31(6):694–7
Goode RL see **Nino–Murcia M**
Goode SM see **Weinreb RN**
Goodfield MJ see **Hill MK**
Goodlin RC. Intracellular sodium levels in pregnant women with hypertension [letter] Am J Obstet Gynecol 1990 Jul; 163(1 Pt 1):261–2
Goodlin RC. Cerebral palsy and intrapartum fetal acidemia [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):266–7
Goodlin RC. Prolongation of pregnancy and survival of second twin [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):270–1
Goodman LR, Aprahamian C. Changes in splenic size after abdominal trauma. Radiology 1990 Sep;176(3):629–32
Goodman N. Too Eger to use standard error? [letter] Anesth Analg 1990 Aug;71(2):209–10
Goodman P, Dominguez R, Wood BP. Radiological cases of the month. Expansile bone cyst in osteogenesis imperfecta. Am J Dis Child 1990 Aug;144(8):933–4
Goodman SB, Chin RC. Prostaglandin E2 levels in the membrane surrounding bulk and particulate polymethylmethacrylate in the rabbit tibia. A preliminary study. Clin Orthop 1990 Aug;(257):305–9
Goodnick PJ. Bupropion in chronic fatigue syndrome [letter] Am J Psychiatry 1990 Aug;147(8):1091
Goodrich S see **Ogata SN**
Goodwin CW see **Marano MA**
Goodwin FK. From the Alcohol, Drug Abuse, and Mental Health Administration. JAMA 1990 Aug 22–29;264(8):950
Goodwin GM, Cowen PJ, Fairburn CG, Parry–Billings M, Calder PC, Newsholme EA. Plasma concentrations of tryptophan and dieting. BMJ 1990 Jun 9; 300(6738):1499–500
Goodyear M see **Figueredo A**
Goormastic M see **Martinez A**
Goormastic M see **Tuzcu EM**
Goossens LA, Andermann F, Andermann E, Remillard GM. Reflex seizures induced by calculation, card or board games, and spatial tasks: a review of 25 patients and delineation of the epileptic syndrome. Neurology 1990 Aug;40(8):1171–6
Gopal R see **Charak BS**
Gopal TV see **Graber N**
Gopalakrishnan KC, Lewis J. Traumatic haemarthrosis causing femoral head subluxation. J Bone Joint Surg [Br] 1990 Jul;72(4):554–6
Göppinger A see **Ikenberg H**
Gor D see **Hanson PJ**
Gorbach SL. Bismuth therapy in gastrointestinal diseases. Gastroenterology 1990 Sep;99(3):863–75 (138 ref.)
Gorback MS. Preoperative H2–receptor antagonists [letter] Anesth Analg 1990 Aug;71(2):205–6
Gorden DL, Robert A, Moncada VY, Taylor SI, Mühlhauser J, Carpentier JL. Cell surface alteration in Epstein–Barr virus–transformed cells from patients with extreme insulin resistance. Diabetes 1990 Aug;39(8):924–7
Gordin FM see **Burns DN**
Gordon D see **Quin JD**
Gordon DF see **Sarapura VD**
Gordon DS see **Maier WP**
Gordon H see **Fusi L**
Gordon I see **Davies H**
Gordon I see **Ransley PG**
Gordon I see **Whitear P**
Gordon LI see **Weitzman SA**
Gordon R see **Unger PD**
Gordon RB see **Birnbaum BA**
Gordon T, Dunn EC. Systemic lupus erythematosus and right recurrent laryngeal nerve palsy. Br J Rheumatol 1990 Aug; 29(4):308–9
Gore ME see **Jones A**
Gorea A see **Berger SA**
Goreczny AJ see **Perconte ST**
Gorelick PB. Stroke from alcohol and drug abuse. A current social peril. Postgrad Med 1990 Aug;88(2):171–4, 177–8 (21 ref.)
Gorelik E, Jay G, Kwiatkowski B, Herberman RB. Increased sensitivity to MHC–nonrestricted lysis of BL6 melanoma cells by transfection with class I H–2Kb gene. J Immunol 1990 Sep 1;145(5):1621–32
Goresky GV see **Cox RG**
Görg C see **Weide R**
Gorgels AP see **Vos MA**
Gorgels AP see **Wellens HJ**
Gori A see **Curiel P**
Gorini M, Ginanni R, Spinelli A, Duranti R, Andreotti L, Scano G. Inspiratory muscle strength and respiratory drive in patients with rheumatoid arthritis. Am Rev Respir Dis 1990 Aug;142(2):289–94
Gorlin R see **Hjemdahl–Monsen CE**
Gorman W see **Fitzgerald P**
Gornall P see **Parashar K**
Gorodeski GI, Sheean LA, Utian WH. Myometrial oxytocin receptors levels in the pregnant rat are higher in distal than in proximal portions of the horn and correlate with disparate oxytocin responsive myometrial contractility in these segments. Endocrinology 1990 Sep;127(3):1136–43
Gorodischer R see **Tal A**
Goroszeniuk T see **Morgan BM**
Gorr SU see **Fasciotto BH**
Gorski J see **Furlow JD**
Gorstein F see **Osteen KG**
Gort G see **Karim AB**
Gospe SM Jr. Toluene dementia [letter] Neurology 1990 Aug; 40(8):1320–1
Gospe SM Jr. A pediatrician's personal reflections on varicella [letter] Pediatrics 1990 Sep;86(3):494
Gospodarowicz D. Fibroblast growth factor. Chemical structure and biologic function. Clin Orthop 1990 Aug; (257):231–48 (162 ref.)
Goss AN, Bosanquet AG. The arthroscopic appearance of acute temporomandibular joint trauma. J Oral Maxillofac Surg 1990 Aug;48(8):780–3; discussion 784
Gotley DC, Beard J, Cooper MJ, Britton DC, Williamson RC. Abdominocervical (transhiatal) oesophagectomy in the management of oesophageal carcinoma. Br J Surg 1990 Jul;77(7):815–9
Goto N see **Chida K**
Goto T see **Suzuki M**
Gott VL see **Horneffer PJ**
Gottesfeld F see **Lurie Y**
Gottlieb AA see **Rickert VI**
Gottlieb AB, Krueger JG. HLA region genes and immune activation in the pathogenesis of psoriasis [comment] Arch Dermatol 1990 Aug;126(8):1083–6 (42 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1040–2.
Gottlieb C see **Schalling M**
Gottlieb SO see **Walden SM**
Gottlob I see **Zubcov AA**
Gotway MB see **Unterman TG**
Gouan K see **Moore PS**
Goudreau E see **Nath A**
Goudsmit J see **Parmentier HK**
Gough MH. Perioperative deaths among children [editorial] BMJ 1990 Jun 23;300(6740):1606
Gouin F see **Albanese J**
Gould AL see **Laties AM**
Gouma DJ see **Greve JW**
Gourtsoyiannis N, Prassopoulos P, Cavouras D, Pantelidis N. The thickness of the renal parenchyma decreases with age: a CT study of 360 patients. AJR Am J Roentgenol 1990 Sep;155(3):541–4
Goussard B see **Kazadi K**
Goutallier D see **Hernigou P**
Gouvea V, Ho MS, Glass R, Woods P, Forrester B, Robinson C, Ashley R, Riepenhoff–Talty M, Clark HF, Taniguchi K, et al. Serotypes and electropherotypes of human rotavirus in the USA: 1987–1989. J Infect Dis 1990 Aug;162(2):362–7
Govezensky T see **Larralde C**
Govrin–Yehudain J, Mizrahi S. Malingering aided by the use of herbal medicine [letter] Plast Reconstr Surg 1990 Sep; 86(3):601–2
Gow RM see **Weintraub RG**
Goy JJ, Fromer M, Schlaepfer J, Kappenberger L. Clinical efficacy of radiofrequency current in the treatment of patients with atrioventricular node reentrant tachycardia. J Am Coll Cardiol 1990 Aug;16(2):418–23
Gozzetti G see **Mattioli S**
Graber N, Gopal TV, Wilson D, Beall LD, Polte T, Newman W. T cells bind to cytokine–activated endothelial cells via a novel, inducible sialoglycoprotein and endothelial leukocyte adhesion molecule–1. J Immunol 1990 Aug 1; 145(3):819–30
Grabstein KH see **Reed SG**
Grace D see **Cracchiolo A 3d**
Grace R. Peroperative observation of marginal artery bleeding; a predictor of anastomotic leakage [letter] Br J Surg 1990 Jun;77(6):714
Grace W see **Senaldi E**
Grad R, Sobonya RE, Witten ML, Quan SF, Ray CG, Devine LC, Lentz LA, Lemen RJ. Localization of inflammation and virions in canine adenovirus type 2 bronchiolitis. Am Rev Respir Dis 1990 Sep;142(3):691–9
Graf BK see **De Smet AA**
Graf H, Watzinger U, Ludvik B, Wagner A, Höcker P, Zweymüller KK. Recombinant human erythropoietin as adjuvant treatment for autologous blood donation. BMJ 1990 Jun 23;300(6740):1627–8
Graf PD see **Rubinstein I**
Gragnani JA. A lighted joystick control for a quadriparetic child with impaired visual awareness. Arch Phys Med Rehabil 1990 Aug;71(9):709–10
Graham D see **Dorman A**
Graham D see **Franceschi D**
Graham D, Dimmitt SB. Multiple cutaneous haemangiomas in patient with disseminated renal cell carcinoma and polycythaemia [letter] Lancet 1990 Sep 1;336(8714):574
Graham DY see **Opekun AR**
Graham PJ. Maternal employment [editorial] Arch Dis Child 1990 Jun;65(6):565–6
Graham R see **Flanigan TP**
Graham RA, Seif MW, Aplin JD, Li TC, Cooke ID, Rogers AW, Dockery P. An endometrial factor in unexplained infertility. BMJ 1990 Jun 2;300(6737):1428–31
Graham SG. A test for the Manley ventilator [letter] Anaesthesia 1990 Jun;45(6):491
Graham TC see **Schuening FG**
Graham TP Jr see **Stewart JR**
Graham WR. Rheumatoid pleuritis. South Med J 1990 Aug; 83(8):973–5 (14 ref.)
Grambort F see **Kaufman E**
Gramelspacher GP, Miles SH, Cassel CK. When the doctor has AIDS. J Infect Dis 1990 Aug;162(2):534–7
Grammer LC, Harris KE, Shaughnessy MA, Sparks P, Ayars GH, Altman LC, Patterson R. Clinical and immunologic evaluation of 37 workers exposed to gaseous formaldehyde. J Allergy Clin Immunol 1990 Aug;86(2):177–81
Grammer LC see **Patterson R**
Granath BD see **Newkirk GR**
Granborg J see **Clemmensen P**
Grand BE see **Riveros DA**
Grande P see **Clemmensen P**
Grange F, Kinney EL, Monsuez JJ, Rybojad M, Derouin F, Khuong MA, Janier M. Successful therapy for Toxoplasma gondii myocarditis in acquired immunodeficiency syndrome. Am Heart J 1990 Aug;120(2):443–4
Granger CB see **Weissler AM**
Granger DN see **Deitch EA**
Granieri EC see **Moran MB**
Graninger W see **Schurawitzki H**
Granke K, Hollier LH, Bowen JC. Pancreaticoduodenal artery aneurysms: changing patterns. South Med J 1990 Aug;83(8):918–21 (21 ref.)
Grankvist K see **Mählck CG**
Grannum PA see **Moya FR**
Grant A see **Elbourne D**
Grant AD see **Atar D**
Grant AG see **Heyderman E**
Grant EG, Perrella RR. Wishing won't make it so: duplex Doppler sonography in the evaluation of renal transplant dysfunction [comment] AJR Am J Roentgenol 1990 Sep; 155(3):538–9. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):536–7.
Grant EG see **Duerinckx AJ**
Grant FD, Conlin PR, Brown EM. Rate and concentration dependence of parathyroid hormone dynamics during

stepwise changes in serum ionized calcium in normal humans. J Clin Endocrinol Metab 1990 Aug;71(2):370–8
Grant I see **Smith LW**
Grant PJ see **Davenport A**
Grant SS see **Wenstrom KD**
Grant-Kels JM see **Rothe MJ**
Gras-Masse H see **Londoño JA**
Grassi V see **Tantucci C**
Grasso P, Reichert LE Jr. Follicle-stimulating hormone receptor-mediated uptake of 45Ca2+ by cultured rat Sertoli cells does not require activation of cholera toxin- or pertussis toxin-sensitive guanine nucleotide binding proteins or adenylate cyclase. Endocrinology 1990 Aug; 127(2):949–56
Gratecos N see **Milpied N**
Grau KE see **Feliciano N**
Grauer K see **Rey AM**
Gray B, Huggins NJ, Hirsch N. An unusual complication of tracheal intubation. Anaesthesia 1990 Jul;45(7):558–60
Gray BM see **Silver HM**
Gray C see **Koller W**
Gray DW, Ng RL. Anatomical aspects of the blood supply to the skin of the posterior calf: technique of below-knee amputation. Br J Surg 1990 Jun;77(6):662–4
Gray IP see **Grenfell A**
Gray J see **Saunders E**
Gray JD see **Stohl W**
Gray JM see **Robertson IH**
Gray S see **Langer JC**
Graybill JR see **Defaveri J**
Grayburn PA see **Eichhorn EJ**
Grayburn PA see **Taylor AL**
Graycar J see **Ding A**
Grayson MF. Polymyalgia rheumatica and persistent ESR elevation [letter] Br J Rheumatol 1990 Aug;29(4):316
Grayson R see **Kass DA**
Grayston JT see **Kuo CC**
Grčevic N see **Romic Stojkovic R**
Grech P see **Blake JC**
Greco RS see **Wapnir IL**
Greeley GH Jr see **Evers BM**
Greeley WJ see **Ungerleider RM**
Greelish JP see **Hatjis CG**
Green A see **Weingarten S**
Green AT see **Miller RG**
Green BA see **Klose KJ**
Green CG see **Mixter RC**
Green D see **Patterson R**
Green DR see **Rubin DB**
Green EL see **Lewis DJ**
Green GM see **Ohta H**
Green J see **Cullen MT**
Green J, Arno PS. The 'Medicaidization' of AIDS. Trends in the financing of HIV-related medical care [see comments] JAMA 1990 Sep 12;264(10):1261–6. Comment in: JAMA 1990 Sep 12;264(10):1294–5.
Green JK see **Nadel AS**
Green JR, Pawson IG, Schumacher LB, Perry J, Kretchmer N. Glucose tolerance in pregnancy: ethnic variation and influence of body habitus. Am J Obstet Gynecol 1990 Jul; 163(1 Pt 1):86–92
Green M see **Mier A**
Green N, Treible D, Wallack H. Prostate cancer: post-irradiation incontinence. J Urol 1990 Aug;144(2 Pt 1):307–9
Green RM see **Ouriel K**
Green SR see **Dworkin RH**
Green TP, Isham-Schopf B, Irmiter RJ, Smith C, Uden DL, Steinhorn RH. Inactivation of heparin during extracorporeal circulation in infants. Clin Pharmacol Ther 1990 Aug;48(2):148–54
Greenberg AE, Lobel HO. Mortality from Plasmodium falciparum malaria in travelers from the United States, 1959 to 1987. Ann Intern Med 1990 Aug 15;113(4):326–7
Greenberg AH see **Khalil N**
Greenberg B see **Cras P**
Greenberg F see **Smith LG Jr**
Greenberg HB see **Matson DO**
Greenberg LJ see **Katz A**
Greenberg MD see **Reid R**
Greenberg MH see **Jewett DL**
Greenberg SM, Chandrasekhar C, Golan DE, Handin RI. Transforming growth factor beta inhibits endomitosis in the Dami human megakaryocytic cell line. Blood 1990 Aug 1;76(3):533–7
Greenberger PA see **Patterson R**
Greenberger PA see **Wong S**
Greene D see **Harris WS**
Greene HL see **Poole JE**
Greene P, Kang U, Fahn S, Brin M, Moskowitz C, Flaster E. Double-blind, placebo-controlled trial of botulinum toxin injections for the treatment of spasmodic torticollis. Neurology 1990 Aug;40(8):1213–8
Greenhouse JJ see **Schnittman SM**
Greenleaf G see **Orloff MJ**
Greenough A see **Yuksel B**
Greenspoon JS. Ultrasonographic guidance for central venous access [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):252
Greenspoon JS see **Kjos SL**
Greenstein A see **Katz PG**
Greenwald BM see **Notterman DA**
Greenwald P see **Janerich DT**
Greenway HT Jr, Cornell RC. Interferon. Coming of age. Arch Dermatol 1990 Aug;126(8):1080–2 (9 ref.)
Greenwood CL, Tangalos EG, Maruta T. Prevalence of sexual abuse, physical abuse, and concurrent traumatic life events in a general medical population. Mayo Clin Proc 1990 Aug; 65(8):1067–71
Greer BE, Cain JM, Figge DC, Shy KK, Tamimi HK. Supraumbilical upper abdominal midline incision for pelvic surgery in the morbidly obese patient. Obstet Gynecol 1990 Sep;76(3 Pt 1):471–3
Greer K see **Crone LA**
Greer KE see **Nichols GE**
Greer MA see **Sato N**
Greer RB 3d see **Segal S**
Greer SE see **Sato N**
Gregory J see **Tarnow-Mordi W**
Gregory NR see **Cook KK**
Gregory PB see **Garcia G**
Gregory RT see **Feinberg RL**
Gregory WM see **Slevin ML**
Greis PE, Hankin FM. Eosinophilic granuloma. The management of solitary lesions of bone. Clin Orthop 1990 Aug;(257):204–11 (21 ref.)
Grenfell A, Rudenski A, Watts M, Wiltshire C, Day JL, Gray IP. Cushing's syndrome and medroxyprogesterone acetate [letter] Lancet 1990 Jul 28;336(8709):256
Grether JK. Asphyxia and cerebral palsy [letter] Am J Dis Child 1990 Aug;144(8):852–3
Greve JW, Maessen JG, Tiebosch T, Buurman WA, Gouma DJ. Prevention of postoperative complications in jaundiced rats. Internal biliary drainage versus oral lactulose. Ann Surg 1990 Aug;212(2):221–7
Greydanus DE, Lonchamp D. Contraception in the adolescent. Preparation for the 1990s. Med Clin North Am 1990 Sep; 74(5):1205–24 (50 ref.)
Gribben JG see **McMillan AK**
Griffey MS see **Raroque HG Jr**
Griffin A see **Mustoe TA**
Griffin GC. Stop restrictive rules on your office lab. Contact HCFA before August 20 [editorial] Postgrad Med 1990 Aug;88(2):15–6
Griffin GE see **Batman PA**
Griffin JD see **Kanakura Y**
Griffin JD see **Sharkis SJ**
Griffin JE see **Carpenter TO**
Griffin JH see **Gruber A**
Griffin SM, Chung SC, Mok CO, Li AK. Stapled Billroth I gastrectomy. Br J Surg 1990 Jul;77(7):772–3
Griffin TD see **Scheiner RB**
Griffiss JM see **Apicella MA**
Griffith BP see **Dowling RD**
Griffith J see **Orr A**
Griffith M see **Henderson J**
Grignani G see **Gobbi PG**
Grigsby PW see **Michalski JM**
Grimball A see **Bradham RR**
Grimes DA see **Levin JH**
Grimes DA see **Sinei SK**
Grimfors G, Holm G, Mellstedt H, Schnell PO, Tullgren O, Björkholm M. Increased blood clearance rate of indium-111 oxine-labeled autologous CD4+ blood cells in untreated patients with Hodgkin's disease. Blood 1990 Aug 1;76(3):583–9
Grimm J see **Heywood JT**
Grimm M see **Hirokawa S**
Griner PF see **Franklin PD**
Grinnell DM see **Mandel AR**
Grinstein S see **Swallow CJ**
Gris JC, Schved JF, Neveu S, Mares P, Aguilar-Martinez P, Dupaigne D. Impaired fibrinolytic capacity and early recurrent spontaneous abortion. BMJ 1990 Jun 9; 300(6738):1500
Gritti F see **Agostini C**
Gritz DC see **Oldenburg JB**
Gritzmacher D see **Sowell RL**
Grochowicki M see **Khalfallah Y**
Grocott DJ. The cyclotron saga. BMJ 1990 Jun 2; 300(6737):1467
Grodd W, Krägeloh-Mann I, Petersen D, Trefz FK, Harzer K. In vivo assessment of N-acetylaspartate in brain in spongy degeneration (Canavan's disease) by proton spectroscopy [letter] Lancet 1990 Aug 18;336(8712):437–8
Groen AK see **Coene PP**
Groisman G, Kerner H. A case of fibrous hamartoma of infancy in the scrotum including immunohistochemical findings. J Urol 1990 Aug;144(2 Pt 1):340–1 (9 ref.)
Grollman EF see **Bellur S**
Grollman EF see **Doi S**
Grönblad M see **Santavirta S**
Grond J see **Welberg JW**
Gronda E see **Curiel P**
Gronemeyer S see **Hanna SL**
Gronowitz JS, Bergström R, Nôu E, Påhlman S, Brodin O, Nilsson S, Källander CF. Clinical and serologic markers of stage and prognosis in small cell lung cancer. A multivariate analysis. Cancer 1990 Aug 15;66(4):722–32
Gronvall JA. The nursing shortage: dynamics and solutions. Solutions in a pluralistic environment. Nurs Clin North Am 1990 Sep;25(3):587–95
Gros C see **Lefrançois P**
Grose C, Weiner CP. Prenatal diagnosis of congenital cytomegalovirus infection: two decades later. Am J Obstet Gynecol 1990 Aug;163(2):447–50
Grose JH see **Hall JW 3d**
Grose M see **Marliss EB**
Gross GJ see **Maruyama M**
Gross JB see **Conard PF**
Gross JB Jr see **Telenti A**
Gross M see **Kew J**
Gross MD see **Levine SP**
Gross PD see **Matthews MS**
Gross RJ see **Kleanthous H**
Gross TS, Mirando MA, Young KH, Beers S, Bazer FW, Thatcher WW. Reorientation of prostaglandin F secretion by calcium ionophore, estradiol, and prolactin in perifused porcine endometrium. Endocrinology 1990 Aug; 127(2):637–42
Grossi EA see **Esposito RA**
Grossman CJ. Genetic engineering and the use of bovine somatotropin [editorial; comment] JAMA 1990 Aug 22–29; 264(8):1028. Comment on: JAMA 1990 Aug 22–29;264(8):1003–5.
Grossman HJ see **Eyman RK**
Grossman J see **Meltzer EO**
Grossman JA see **Posnick JC**
Grossman JH 3d, Galask RP. Persistent vaginitis caused by metronidazole-resistant trichomonas. Obstet Gynecol 1990 Sep;76(3 Pt 2):521–2
Grossman ME see **Cohen PR**
Grossman RF see **Lin KY**
Grossman RG. Stereotactic surgical treatment of epilepsy [editorial; comment] Mayo Clin Proc 1990 Aug; 65(8):1150–1. Comment on: Mayo Clin Proc 1990 Aug;65(8):1053–60.
Grosso MA see **Anderson BO**
Grosswasser J see **Kahn A**
Grosvenor CE see **Shah GV**
Groves T. Inspecting the NHS [editorial] BMJ 1990 Jun 23; 300(6740):1601
Grubb A see **Westermark GT**
Gruber A, Hanson SR, Kelly AB, Yan BS, Bang N, Griffin JH, Harker LA. Inhibition of thrombus formation by activated recombinant protein C in a primate model of arterial thrombosis [see comments] Circulation 1990 Aug; 82(2):578–85. Comment in: Circulation 1990 Aug;82(2):655–7.
Gruber BL see **Kaufman LD**
Gruber H see **Freilinger G**
Gruber HE see **Shohat M**
Grujicic S see **Babic UU**
Grundy SM see **Abbott WG**
Grundy SM, Vega GL. Role of apolipoprotein levels in clinical practice. Arch Intern Med 1990 Aug; 150(8):1579–82 (29 ref.)
Grundy SM see **Garg A**
Grundy SM. Trans monounsaturated fatty acids and serum cholesterol levels [editorial; comment] N Engl J Med 1990 Aug 16;323(7):480–1. Comment on: N Engl J Med 1990 Aug 16;323(7):439–45.
Grunfeld C see **Krauss RM**
Grunfield BG see **Perelstein EM**
Grunmeier PW. Provision of help after major disasters [letter] Lancet 1990 Jul 28;336(8709):259
Grunvald MH see **Ades PA**
Gruwez JA see **Lerut J**
Guan D see **Ohta H**
Guan R see **Kang JY**
Guan ZC, Ricard G, Charest-Boulé L, Neilson K, Kiruluta G. Augmentation cystoplasty in rats: development of an animal model. J Urol 1990 Aug;144(2 Pt 2):461–5; discussion 474
Guarini S, Tagliavini S, Bazzani C, Ferrari W, Bertolini A. Early treatment with ACTH-(1–24) in a rat model of hemorrhagic shock prolongs survival and extends the time-limit for blood reinfusion to be effective. Crit Care Med 1990 Aug;18(8):862–5
Guarino MA see **Dougherty MF**
Guarisco JL, Littlewood SC, Butcher RB 3d. Severe upper airway obstruction in children secondary to lingual tonsil hypertrophy. Ann Otol Rhinol Laryngol 1990 Aug; 99(8):621–4
Guarisco JL see **Diaz JH**
Guarner J, del Rio C, Hendrix L, Unger ER. Composite Hodgkin's and non-Hodgkin's lymphoma in a patient with acquired immune deficiency syndrome. In-situ demonstration of Epstein-Barr virus. Cancer 1990 Aug 15; 66(4):796–800
Guarnieri C see **Gionchetti P**
Guarnieri T see **Calkins H**
Gubler DJ see **Marchette NJ**
Gue M see **Junien JL**
Guentert TW, Frey BM, Luedin E, Heinzl S, Brodersen R. Increase of plasma nonesterified fatty acid concentration and decrease of albumin binding affinity after intravenous injection of glycocholate-lecithin mixed micelles. J Lab Clin Med 1990 Jul;116(1):66–75
Guerci AD see **Midei MG**
Guerin JM, Lustman C, Meyer P, Barbotin-Larrieau F. Nosocomial sinusitis in pediatric intensive care patients [letter] Crit Care Med 1990 Aug;18(8):902
Guerrant RL see **Marshall BJ**
Guerrero JL see **Yasuda T**
Guess WB see **Weissler AM**

Gugenheim J, Samuel D, Reynes M, Bismuth H. Liver transplantation across ABO blood group barriers. Lancet 1990 Sep 1;336(8714):519–23
Guice J see Katz PG
Guido D see Bachrach LK
Guido JR see Jones JS
Guido M see Bortolotti F
Guidry GG, George RB. Diagnostic studies in catamenial hemoptysis [editorial] Chest 1990 Aug;98(2):260–1
Guijarro Jorge R, Sanchez-Palencia Ramos A, Cueto Ladrón de Guevara A, Marti Huedo F, de Vega MG, Paris Romeu F. Experimental study of a new porous tracheal prosthesis. Ann Thorac Surg 1990 Aug;50(2):281–7
Guillemot JC see Mazza MM
Guillot M see Cabrol D
Guillot T see Tellez-Bernal E
Guimbaud R see Senard JM
Guindi RT see Sattar MA
Guinee VF see el-Naggar AK
Guiney TE see Levinson JR
Gulaid JA, Hadsall RS, Sacks JJ, Wertheimer AI. Household survey of child-safe packaging for medications. Public Health Rep 1990 Jul–Aug;105(4):430–2
Gulba DC, Daniel WG, Simon R, Jost S, Barthels M, Amende I, Raffienbeul W, Lichtlen PR. Role of thrombolysis and thrombin in patients with acute coronary occlusion during percutaneous transluminal coronary angioplasty. J Am Coll Cardiol 1990 Sep;16(3):563–8
Gulbenkian AR, Fernandez X, Kreutner W, Minnicozzi M, Watnick AS, Kung T, Egan RW. Anaphylactic challenge causes eosinophil accumulation in bronchoalveolar lavage fluid of guinea pigs. Modulation by betamethasone, phenidone, indomethacin, WEB 2086, and a novel antiallergy agent, SCH 37224. Am Rev Respir Dis 1990 Sep;142(3):680–5
Gulick RM, Heath-Chiozzi M, Crumpacker CS. Varicella-zoster virus disease in patients with human immunodeficiency virus infection [comment] Arch Dermatol 1990 Aug;126(8):1086–8 (14 ref.). Comment on: Arch Dermatol 1990 Aug;126(8):1033–6. Comment on: Arch Dermatol 1990 Aug;126(8):1048–50. Comment on: Arch Dermatol 1990 Aug;126(8):1105–6.
Gullo L, Pezzilli R, Ventrucci M, Barbara L. Caerulein induced plasma amino acid decrease: a simple, sensitive, and specific test of pancreatic function. Gut 1990 Aug; 31(8):926–9
Gullo L see Sarles H
Gumpert R see Lyons C
Gums JG see Rey AM
Gunderson PD see Hedberg K
Guneo A see Juliusson G
Güngör T see Kreuz W
Gunn RA see Jones JL
Gunnar RM, Passamani ER, Bourdillon PD, Pitt B, Dixon DW, Rapaport E, Fuster V, Reeves TJ, Karp RB, Russell RO Jr, et al. Guidelines for the early management of patients with acute myocardial infarction. A report of the American College of Cardiology/American Heart Association Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures (Subcommittee to Develop Guidelines for the Early Management of Patients with Acute Myocardial Infarction). J Am Coll Cardiol 1990 Aug;16(2):249–92 (223 ref.)
Gunnell DJ. Terminal care in general practice [letter] BMJ 1990 May 26;300(6736):1400–1
Gunning K see Tassonyi E
Gunter E see Carter-Pokras O
Gunter JB, Forestner JE, Manley CB. Caudal epidural anesthesia reduces blood loss during hypospadias repair. J Urol 1990 Aug;144(2 Pt 2):517–9; discussion 530
Gunzburger LK, Loesch T. A survey of the personal computer laboratory facilities and policies at U.S. medical schools. Acad Med 1990 Aug;65(8):540–1
Guo H, Calkins JH, Sigel MM, Lin T. Interleukin-2 is a potent inhibitor of Leydig cell steroidogenesis. Endocrinology 1990 Sep;127(3):1234–9
Gupta GC, Hedrick HL. Allied health education and accreditation. JAMA 1990 Aug 15;264(7):843–8
Gupta I see Mosley JG
Gupta NC see Stein HJ
Gupta R see Belitsky P
Gupta R see Charak BS
Gupta R see Kornbluth A
Gupta R see Misra SP
Gupta S see Akriviadis EA
Gupta SK, Dietzek AM, Veith FJ, Torres M, Kram HB, Wengerter KR. Use of a piezoelectric film sensor for monitoring vascular grafts. Am J Surg 1990 Aug; 160(2):182–5; discussion 185–6
Gur D see Straub WH
Gurish MF see Czop JK
Gurney H see Dodwell D
Gurwith M see Kalechman Y
Gusella GL see Espinoza-Delgado I
Gust ID see Birch CJ
Gustafsson JA see Howell GM
Guthaner DF, Wyatt JO, Mehigan JT, Wright AM, Breen JF, Wexler L. Monorail system for percutaneous repositioning of the Greenfield vena caval filter. Radiology 1990 Sep;176(3):872–4
Gutierrez RA see Salazar-Grueso EF
Gutin B, Basch C, Shea S, Contento I, DeLozier M, Rips J, Irigoyen M, Zybert P. Blood pressure, fitness, and fatness in 5- and 6-year-old children. JAMA 1990 Sep 5; 264(9):1123–7
Gutman Y see Kriwisky M
Gutmann L see Besser R
Guttenberg SA. Chemical injury of the oral mucosa from verapamil [letter] N Engl J Med 1990 Aug 30;323(9):615
Guttman M see Snow BJ
Guttridge B see Milford DV
Guyton JR, Black BL, Seidel CL. Focal toxicity of oxysterols in vascular smooth muscle cell culture. A model of the atherosclerotic core region. Am J Pathol 1990 Aug; 137(2):425–34
Guyton JR see Rodgers GP
Guyuron B, Raszewski R. Undetected diabetes and the plastic surgeon. Plast Reconstr Surg 1990 Sep;86(3):471–4
Guzman GS see Pereira HA
Guzman RF see Waymack JP
Guzzardi S see Nicoletti F
Gvozdanovic D see Crofton RW
Gvozdanovic S see Crofton RW

H

Ha T see Darlington DN
Haak HR, van Seters AP, Moolenaar AJ. Mitotane therapy of adrenocortical carcinoma [letter] N Engl J Med 1990 Sep 13;323(11):758
Haake R see Weisdorf DJ
Haanen C see De Witte T
Haas GL see Dulit RA
Haas GP see Robertson CN
Haas J see Merchant K
Haas ST. Caution in use of new test for ectopic pregnancy [letter] Am J Obstet Gynecol 1990 Aug;163(2):694–5
Haase G see Arrigo S
Haaxma-Reiche H see Dofferhoff AS
Habara-Ohkubo A see Takikawa O
Habbab MA, el-Sherif N. Drug-induced torsades de pointes: role of early afterdepolarizations and dispersion of repolarization. Am J Med 1990 Aug;89(2):241–6
Hachisuka H see Mori O
Hackler JC, Hiller FC. Family consent to orders not resuscitate. Reconsidering hospital policy [see comments] JAMA 1990 Sep 12;264(10):1281–3. Comment in: JAMA 1990 Sep 12;264(10):1295–6.
Hackman R see Schuening FG
Hackney JD see Avol EL
Hada T see Nakanishi K
Haddad JG see Matsuoka LY
Haddow JE see Johnson AM
Hadler SC see Mishu B
Hadler SC see Rosenblum LS
Hadler SC see Shaw FE Jr
Hadlett HM, Raab CA. Consumer perceptions of fresh fish quality. J Am Diet Assoc 1990 Aug;90(8):1109–11
Hadsall RS see Gulaid JA
Hady MR, Ghanaam B, Hady MZ. Aneurysmal bone cyst of the maxillary sinus. J Laryngol Otol 1990 Jun; 104(6):501–3
Hady MZ see Hady MR
Haedersdal C see Clemmensen P
Haedicke GJ see Falcone PA
Haefeli WE see Schoenenberger RA
Haering PL see Goldberg JM
Hafkenscheid JC see van Klaveren RJ
Haft JI, Goldstein JE, Homoud MK, Aaronoff M. PTCA following myocardial infarction: use of bailout fibrinolysis to improve results. Am Heart J 1990 Aug;120(2):243–7
Hagan PF, Kaufman EE. Vascular complication of knee arthroplasty under tourniquet. A case report. Clin Orthop 1990 Aug;(257):159–61
Hagari Y see Mihara M
Haggerty RJ. The academic generalist: an endangered species revived. Pediatrics 1990 Sep;86(3):413–20
Hahn RG. Prevention of TUR syndrome by detection of trace ethanol in the expired breath. Anaesthesia 1990 Jul; 45(7):577–81
Hahn RG see Patel SR
Haider R see Bennish ML
Haines AM see Heyderman E
Hains J see Phillips HS
Haire WD, Lieberman RP, Edney J, Vaughan WP, Kessinger A, Armitage JO, Goldsmith JC. Hickman catheter-induced thoracic vein thrombosis. Frequency and long-term sequelae in patients receiving high-dose chemotherapy and marrow transplantation. Cancer 1990 Sep 1;66(5):900–8
Haire-Joshu D see Fisher EB Jr
Haisch CE, Lodge PA, Huber SA, Thomas FT. The vascular endothelial cell is central to xenogeneic immune reactivity. Surgery 1990 Aug;108(2):306–11
Haisenleder DJ see Dalkin AC
Haisjackl M, Hasibeder W, Klaunzer S, Altenberger H, Koller W. Diminished reactive hyperemia in the skin of critically ill patients. Crit Care Med 1990 Aug;18(8):813–8
Haissaguerre M, Warin JF, Le Metayer P, Maraud L, De Roy L, Montserrat P, Massiere JP. Catheter ablation of Mahaim fibers with preservation of atrioventricular nodal conduction. Circulation 1990 Aug;82(2):418–27
Hajduczok G see Xie PL
Hajj C, Akoum R, Bradley E, Paquin F, Ayoub J. DNA alterations at proto-oncogene loci and their clinical significance in operable non-small cell lung cancer. Cancer 1990 Aug 15;66(4):733–9
Haka MS see Schwaiger M
Håkanson R see Axelson J
Hakeda Y see Ishizuka S
Hakes TB see Rubin SC
Hakim FT see Muluk SC
Hald T see Nielsen KK
Hales DB see Keyes PL
Haley NJ see Wagenknecht LE
Halim MA see al Kasab SM
Halimi P see Sigal R
Hall FM. When is it malpractice to miss breast cancer on mammograms? [letter] Radiology 1990 Sep;176(3):876
Hall JM see Dyer RA
Hall JW 3d, Grose JH, Pillsbury HC. Predicting binaural hearing after stapedectomy from presurgery results. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):946–50
Hall KM see Oakes DD
Hall M. Orthopaedics Overseas: first world MDs can make a difference in the Third World. Can Med Assoc J 1990 Aug 15;143(4):304–5
Hall PF. The case against HIV antibody testing of refugees and immigrants [letter] Can Med Assoc J 1990 Aug 1; 143(3):172–3
Hall RI, Sullivan JA. Does cardiopulmonary bypass alter enflurane requirements for anesthesia? Anesthesiology 1990 Aug;73(2):249–55
Hall SA. What will happen to our freedom to refer? [letter] BMJ 1990 Jun 23;300(6740):1647
Hall SM, Glickman M. Report from the British Paediatric Surveillance Unit. Arch Dis Child 1990 Jul;65(7):807–9
Hall SM see Milford DV
Hall WJ see Benhorin J
Hall-Angerås M, Angerås U, Zamir O, Hasselgren PO, Fischer JE. Interaction between corticosterone and tumor necrosis factor stimulated protein breakdown in rat skeletal muscle, similar to sepsis. Surgery 1990 Aug;108(2):460–6
Hallemans R see Lejeune P
Haller E, Binder RL. Clozapine and seizures. Am J Psychiatry 1990 Aug;147(8):1069–71
Haller E, Binder RL. Clozapine—a new and different neuroleptic [clinical conference] West J Med 1990 Jul; 153(1):62–4
Haller RM, Deluty RH. Characteristics of psychiatric inpatients who assault staff severely. J Nerv Ment Dis 1990 Aug;178(8):536–7
Hällgren R see Lavö B
Halliday D see Pacy PJ
Halliday D see Walter JH
Hallsworth P see Lee PC
Halonen M see Lohman I
Halperin Y, Shapiro LE, Surks MI. Medium 3,5,3′-triiodo-L-thyronine (T3) and T3 generated from L-thyroxine are exchangeable in cultured GC cells. Endocrinology 1990 Sep;127(3):1050–6
Halpern S see Briançon C
Halsey NA see Steinhoff MC
Halter F see Wilder-Smith CH
Halverson PB, Cheung HS, Johnson R, Struve J. Simultaneous occurrence of calcium pyrophosphate dihydrate and basic calcium phosphate (hydroxyapatite) crystals in a knee. Clin Orthop 1990 Aug;(257):162–5
Hamada S see Takada H
Hamaoka T see Nakanishi K
Hambley H see Blesing NE
Hamblin T. Reconstitution of interleukin-2 with albumin for infusion [letter] Lancet 1990 Jul 28;336(8709):251
Hamer-Hodges DW see Marsh J
Hamid S see Dhabuwala CB
Hamilton C see Sherman BW
Hamilton G see Dawson K
Hamilton JA, Gallant SJ. Debate on late luteal phase dysphoric disorder [letter] Am J Psychiatry 1990 Aug; 147(8):1106–7
Hamilton PW see Collins JS
Hamilton TA see Watkins PB
Hammarström L see Ljungman P
Hammen C see Ellicott A
Hammer K see Long RR
Hammon JW Jr see Stewart JR
Hammond CB see Mutch DG
Hammond EH see Branch DW
Hammond GL. Repair of thoracic dissections [letter] Ann Thorac Surg 1990 Aug;50(2):330
Hammond PM see Hinton RJ
Hammond WP, Boone TC, Donahue RE, Souza LM, Dale DC. A comparison of treatment of canine cyclic hematopoiesis with recombinant human granulocyte-macrophage colony-stimulating factor (GM-CSF), G-CSF interleukin-3, and canine G-CSF. Blood 1990 Aug 1;76(3):523–32
Hamper U see Rifkin MD
Hampl V, Herget J. Perinatal hypoxia increases hypoxic pulmonary vasoconstriction in adult rats recovering from chronic exposure to hypoxia. Am Rev Respir Dis 1990 Sep;142(3):619–24
Hampson SE see Smith JT
Han JK see Im JG
Han JK see Park JH
Han MC see Im JG

Han MC see **Park JH**
Hanada S see **Kuwazuru Y**
Hanan SA see **Rebeyka IM**
Hance AJ see **Biyoudi-Vouenze R**
Hancock EW. Possible torsade in a patient with AIDS. Hosp Pract [Off] 1990 Jul 15;25(7):132–4
Hancock EW. One acute myocardial infarction or two? Hosp Pract [Off] 1990 Aug 15;25(8):104, 106
Hancock ML see **Pui CH**
Hande KR see **Brown RA**
Handin RI see **Greenberg SM**
Handren J see **Wolfort S**
Handunnetti SM see **Howard RJ**
Handwerger S see **Clemmons DR**
Hanet C see **Pouleur H**
Hankey GJ, Warlow CP. Symptomatic carotid ischaemic events: safest and most cost effective way of selecting patients for angiography, before carotid endarterectomy. BMJ 1990 Jun 9;300(6738):1485–91
Hankin FM see **Greis PE**
Hankins GD see **Strickland DM**
Hanks GE. RE: The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer [letter] J Urol 1990 Sep;144(3):751–2
Hanlon TE see **Carpenter WT Jr**
Hanna CJ see **Engel WK**
Hanna N see **Conard PF**
Hanna SL, Lemmi MA, Langston JW, Fontanesi J, Brooks HL Jr, Gronemeyer S. Treatment of choroidal melanoma: MR imaging in the assessment of radioactive plaque position. Radiology 1990 Sep;176(3):851–3
Hannah J see **deKernion JB**
Hannah JS, Dubey AK, Hansen BC. Postingestional effects of a high-protein diet on the regulation of food intake in monkeys. Am J Clin Nutr 1990 Aug;52(2):320–5
Hannan RL see **Kourembanas S**
Hanninck K see **Casteels-Van Daele M**
Hans B, Hans SS, Mittal VK, Khan TA, Patel N, Dahn MS. Renal functional response to dopamine during and after arteriography in patients with chronic renal insufficiency. Radiology 1990 Sep;176(3):651–4
Hans SS see **Hans B**
Hansbrough JF see **Crum RL**
Hansbrough JF see **Hoyt DB**
Hansen A, Ostergård B. AgNOR counts in intraendometrial neoplasia [letter] J Clin Pathol 1990 Jun;43(6):518–9
Hansen BC see **Hannah JS**
Hansen JT see **Kordower JH**
Hansen RC see **Comstock J**
Hansen WB see **Dwyer KM**
Hansen-Flaschen J. Methemoglobinemia after lidocaine administration [letter] Chest 1990 Aug;98(2):519–20
Hanson CA see **Fishel RS**
Hanson CV see **Lipka JJ**
Hanson P see **Scherrer U**
Hanson PJ, Gor D, Jeffries DJ, Collins JV. Elimination of high titre HIV from fibreoptic endoscopes. Gut 1990 Jun; 31(6):657–9
Hanson SR see **Gruber A**
Hanson SR see **Krpski WC**
Hansor M see **Nagaratnam N**
Haour F see **Polak M**
Happak W see **Freilinger G**
Haque MM see **Harrison DJ**
Har-El G, Borderon M, Ladinsky S, Santos V. Melanosis of the larynx. Ann Otol Rhinol Laryngol 1990 Aug; 99(8):640–2 (9 ref.)
Har-El G, Heffner DK, Ruffy M. Haemangioma in a cervical lymph node. J Laryngol Otol 1990 Jun;104(6):513–5
Har-Zahav Y see **Strasberg B**
Hara H see **Abbott WG**
Hara N, Ichinose Y, Motohiro A, Kuda T, Aso H, Ohta M. Influence of chemotherapeutic agents on superoxide anion production by human polymorphonuclear leukocytes. Cancer 1990 Aug 15;66(4):684–8
Hara T see **Araki T**
Harada H see **Watanabe K**
Harada K see **Nakamura Y**
Harada M see **Nemoto R**
Harada T see **Sakagami M**
Harada Y, Imai Y, Kurosawa H, Ishihara K, Kawada M, Fukuchi S. Ten-year follow-up after valve replacement with the St. Jude Medical prosthesis in children. J Thorac Cardiovasc Surg 1990 Aug;100(2):175–80
Haratake J, Scheuer PJ. An immunohistochemical and ultrastructural study of the sinusoids of hepatocellular carcinoma. Cancer 1990 May 1;65(9):1985–93
Hard R. Computers help keep patient files confidential. Hospitals 1990 Aug 20;64(16):49–50
Hardcastle JD see **Pye G**
Hardcastle JD see **Stehling MK**
Hardeman SW, Soloway MS. Urethral recurrence following radical cystectomy. J Urol 1990 Sep;144(3):666–9
Harden EA see **Brown RA**
Hardesty RL see **Dowling RD**
Hardie M see **Garner PR**
Hardonk MJ see **Welberg JW**
Hardy F see **Ng Wingtin L**
Hardy MA see **Wasfie T**
Hardy RR see **Ernst DN**
Harger JH, Hsing AW, Tuomala RE, Gibbs RS, Mead PB, Eschenbach DA, Knox GE, Polk BF. Risk factors for preterm premature rupture of fetal membranes: a multicenter case-control study. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):130–7
Hargis JB, Waddell DJ, Diehl L, Redmond J. Induction chemotherapy in Jehovah's Witnesses with leukaemia [letter] Lancet 1990 Sep 1;336(8714):563–4
Hargreave FE see **Cockcroft DW**
Hargreaves KM, Costello A. Glucocorticoids suppress levels of immunoreactive bradykinin in inflamed tissue as evaluated by microdialysis probes. Clin Pharmacol Ther 1990 Aug;48(2):168–78
Hargrove JT see **Osteen KG**
Harju A see **Farin PU**
Harkavy KL. Mortality rates ignore population segment [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):269–70
Harken AH see **Anderson BO**
Harken AH see **Brown JM**
Harken AH see **Whitman GJ**
Harker LA see **Gruber A**
Harker LA see **Krpski WC**
Harker LA see **Krupski WC**
Harkin JC see **Reimund EL**
Harkness B see **Tarkington MA**
Harlan JM see **Mileski WJ**
Harlass FE see **Duff P**
Harley JB see **Fujisaku A**
Harmel RP see **Wolf YG**
Harmer CL see **Flower MA**
Harmer CL see **O'Connell ME**
Harmon JW see **Sidawy AN**
Harmon RG. From the Health Resources and Services Administration. JAMA 1990 Aug 22–29;264(8):945
Harms G see **Welberg JW**
Harner SG see **Bauch CD**
Haro LS, Lee DW, Singh RN, Bee G, Markoff E, Lewis UJ. Glycosylated human prolactin: alterations in glycosylation pattern modify affinity for lactogen receptor and values in prolactin radioimmunoassay. J Clin Endocrinol Metab 1990 Aug;71(2):379–83
Harousseau JL see **Milpied N**
Harper AE see **Crowell PL**
Harper I see **Abbott WG**
Harper K see **Onadim ZO**
Harper MC. Talar shift. The stabilizing role of the medial, lateral, and posterior ankle structures. Clin Orthop 1990 Aug;(257):177–83
Harper NJ see **Johnson RA**
Harre J 4th, Forrest JV. Scimitar syndrome [letter] Chest 1990 Aug;98(2):510–1
Harrell FE Jr see **Honan MB**
Harrell HL Jr. L-carnitine for leg ulcers [letter] Ann Intern Med 1990 Sep 1;113(5):412
Harries-Jones R. Creutzfeldt-Jakob disease [letter] BMJ 1990 Jul 7;301(6742):46
Harrington B see **Nowak TV**
Harrington JF see **Arafah BM**
Harris AG see **Sassolas G**
Harris EJ see **Tawes RL Jr**
Harris EN, Pierangeli S, Barquinero J, Ordi-Ros J. Anticardiolipin antibodies and binding of anionic phospholipids and serum protein [letter] Lancet 1990 Aug 25;336(8713):505–6
Harris EN see **Reece EA**
Harris ER see **Pincus T**
Harris GJ see **Massaro BM**
Harris JM see **Nielsen DH**
Harris JR see **Clemens JD**
Harris KE see **Grammer LC**
Harris MN see **Saunders PR**
Harris PA see **Johnson CD**
Harris S see **Stall GM**
Harris SE see **Acheson LS**
Harris SL, Frank I, Yee A, Cohen GH, Eisenberg RJ, Friedman HM. Glycoprotein C of herpes simplex virus type 1 prevents complement-mediated cell lysis and virus neutralization. J Infect Dis 1990 Aug;162(2):331–7
Harris WE. A lingual thyroid cyst complicating a foreign body in the oesophagus. J Laryngol Otol 1990 Jun; 104(6):508–10
Harris WH see **Jasty M**
Harris WH see **Maloney WJ**
Harris WH see **Mulroy RD**
Harris WH, Sledge CB. Total hip and total knee replacement (1). N Engl J Med 1990 Sep 13;323(11):725–31 (76 ref.)
Harris WS, Dujovne CA, von Bergmann K, Neal J, Akester J, Windsor SL, Greene D, Look Z. Effects of the ACAT inhibitor CL 277,082 on cholesterol metabolism in humans. Clin Pharmacol Ther 1990 Aug;48(2):189–94
Harris WS see **Dujovne CA**
Harrison AC see **Pattemore PK**
Harrison CB, Kaplan GW, Scherz HC, Packer MG. Diagnostic pneumoperitoneum for the detection of the clinically occult contralateral hernia in children. J Urol 1990 Aug;144(2 Pt 2):510–1; discussion 512–3
Harrison CB, Kaplan GW, Scherz HC, Packer MG, Jones J. Microvascular autotransplantation of the intra-abdominal testis. J Urol 1990 Aug;144(2 Pt 2):506–7; discussion 512–3
Harrison DG see **Quillen JE**
Harrison DJ, May L, Hayes PC, Haque MM, Hayes JD. Glutathione S-transferases in alcoholic liver disease. Gut 1990 Aug;31(8):909–12
Harrison EC see **Rashtian MY**
Harrison HC, Tindall B, McCarthy SW, Cooper DA. Nasopharyngeal cyst simulating Kaposi's sarcoma in an HIV-infected patient. J Laryngol Otol 1990 Jun; 104(6):498–500
Harrison JK see **Davidson CJ**
Harrison MJ, Mitnick RJ, Rosenblum BR, Rothman AS. Leptomyelolipoma: analysis of 20 cases. J Neurosurg 1990 Sep;73(3):360–7
Harrison MR see **Clifton GD**
Harrison MR see **Crombleholme TM**
Harrison NW. Autologous transfusion [letter] BMJ 1990 Jun 2;300(6737):1464
Harrison RL see **Lucia HL**
Harrop-Griffiths W see **Gil-Rodriguez J**
Harstad TW see **Cunningham FG**
Harsten G see **Prellner K**
Hart AA see **Jonk A**
Hart GJ see **Carvell AL**
Hart LJ see **Kroovand RL**
Hart MN see **Fabry Z**
Hart RG see **Brey RL**
Harth SC, Thong YH. Sociodemographic and motivational characteristics of parents who volunteer their children for clinical research: a controlled study. BMJ 1990 May 26; 300(6736):1372–5
Hartman N see **Yarchoan R**
Hartman RD, He JR, Barraclough CA. Gamma-aminobutyric acid-A and -B receptor antagonists increase luteinizing hormone-releasing hormone neuronal responsiveness to intracerebroventricular norepinephrine in ovariectomized estrogen-treated rats. Endocrinology 1990 Sep; 127(3):1336–45
Hartmann LC, Frytak S, Richardson RL, Coles DT, Cupps RE. Life-threatening bleomycin pulmonary toxicity with ultimate reversibility. Chest 1990 Aug;98(2):497–9
Hartrampf CR Jr, Elliott LF, Feldman S. A triceps musculocutaneous flap for chest-wall defects. Plast Reconstr Surg 1990 Sep;86(3):502–9
Hartshorne JE see **Roelofse JA**
Hartsock RJ see **Palko MJ**
Hartwick RW, Batsakis JG. Non-Warthin's tumor oncocytic lesions. Ann Otol Rhinol Laryngol 1990 Aug;99(8):674–7 (26 ref.)
Hartwig PA. Lasers in dermatology. Nurs Clin North Am 1990 Sep;25(3):657–66 (10 ref.)
Hartz R see **Kanady K**
Hartzler GO see **Kahn JK**
Harvey FA see **Bird GL**
Harvey JM see **Tiong JT**
Harvey PD, Serper MR. Linguistic and cognitive failures in schizophrenia. A multivariate analysis. J Nerv Ment Dis 1990 Aug;178(8):487–93
Harvie KW. Necrosis of the skin over the metacarpal as a result of functional fracture-bracing [letter] J Bone Joint Surg [Am] 1990 Aug;72(7):1114–5
Harward MP see **Fedson DS**
Harzer K see **Grodd W**
Hasan SH see **Steinetz BG**
Hasenson M see **Stege R**
Hashimoto K see **Cho KH**
Hashimoto S see **Wright KC**
Hashimoto T see **Nakamura Y**
Hashizume K see **Aizawa T**
Hasibeder W see **Haisjackl M**
Haskard DO see **Thornhill MH**
Hasler F. Immunoreactive circulating alpha-interferon in rheumatoid arthritis [letter] Br J Rheumatol 1990 Aug; 29(4):315–6
Hasler T see **Howard RJ**
Haslock DI see **Bamji AN**
Haslum M see **Bijur PE**
Hassan R, Pollard CA. Late-life onset of panic disorder [letter] Am J Psychiatry 1990 Aug;147(8):1103–4
Hassanein R see **Koller W**
Hasselfeld KA see **Kerr TM**
Hasselgren PO see **Hall-Angerås M**
Hassell LH see **Bruno P**
Hassell PR, Olivotto IA, Mueller HA, Kingston GW, Basco VE. Early breast cancer: detection of recurrence after conservative surgery and radiation therapy. Radiology 1990 Sep;176(3):731–5
Hassenbusch SJ, Pillay PK, Magdinec M, Currie K, Bay JW, Covington EC, Tomaszewski MZ. Constant infusion of morphine for intractable cancer pain using an implanted pump. J Neurosurg 1990 Sep;73(3):405–9
Hassett J see **Dunnington G**
Hastings GW see **Ali MS**
Hasty SE see **Hoke CH Jr**
Hata Y see **Fujita J**
Hata Y see **Shiina S**
Hatabu H see **Gefter WB**
Hatamori N, Yokono K, Nagata M, Shii K, Baba S. Impaired mitogen-induced expression of high-affinity interleukin 2 receptors on spleen cells from NOD/Shi/Kbe mice. Diabetes 1990 Sep;39(9):1070–8
Hatcher RA see **Trussell J**
Hatfield AR see **Dowsett JF**
Hatfield BA see **Eichhorn EJ**
Hathaway M see **James D**
Hathaway WE see **Abshire TC**

Hathcock JN, Hattan DG, Jenkins MY, McDonald JT, Sundaresan PR, Wilkening VL. Evaluation of vitamin A toxicity. Am J Clin Nutr 1990 Aug;52(2):183–202 (224 ref.)
Hatjis CG, Kofinas AD, Greelish JP, Swain M, Rose JC. Interrelationship between atrial natriuretic factor concentrations and acute volume expansion in pregnant and nonpregnant women. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):45–50
Hattan DG see **Hathcock JN**
Hattery RR see **Telenti A**
Hattori T see **Toi M**
Hauck RW, Böhm M, Gengenbach S, Sunder-Plassmann L, Fruhmann G, Erdmann E. Beta 2-adrenoceptors in human lung and peripheral mononuclear leukocytes of untreated and terbutaline-treated patients. Chest 1990 Aug; 98(2):376–81
Hauer RN see **Willems AR**
Haug TT see **Wilhelmsen I**
Haughton G see **Pennell CA**
Haukipuro K see **Syrjälä H**
Hauner H. Complete adipose differentiation of 3T3 L1 cells in a chemically defined medium: comparison to serum-containing culture conditions. Endocrinology 1990 Aug;127(2):865–72
Haupt G, Pannek J, Knopf HJ, Schulze H, Senge T. Rupture of ileal neobladder due to urethral obstruction by mucous plug. J Urol 1990 Sep;144(3):740–1
Haupt HE see **Lammermeier DE**
Hauser WA. Prevention of post-traumatic epilepsy [editorial; comment] N Engl J Med 1990 Aug 23;323(8):540–2. Comment on: N Engl J Med 1990 Aug 23;323(8):497–502.
Hauser WA, Rich SS, Annegers JF, Anderson VE. Seizure recurrence after a 1st unprovoked seizure: an extended follow-up. Neurology 1990 Aug;40(8):1163–70
Hautamaki RD see **Klimberg VS**
Hautmann R see **Miller K**
Hautvast JG see **van Raaij JM**
Havard CW see **Fonseca V**
Havard CW see **Scoble JE**
Havemann K see **Weide R**
Havey A see **Clark DP**
Hawes CS see **Mueller UW**
Hawiger JJ see **Bauer KA**
Hawkins E see **Reves JG**
Hawkins JL, Johnson TD, Kubicek MA, Skjonsby BS, Morrow DH, Joyce TH 3d. Vecuronium for rapid-sequence intubation for cesarean section. Anesth Analg 1990 Aug; 71(2):185–90
Hawkins JW, Dunn MI. Ischemic heart disease: the old versus the new [comment] J Am Coll Cardiol 1990 Aug; 16(2):311–2 (21 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):304–10.
Hawkins PN, Lavender JP, Pepys MB. Evaluation of systemic amyloidosis by scintigraphy with 123I-labeled serum amyloid P component [see comments] N Engl J Med 1990 Aug 23;323(8):508–13. Comment in: N Engl J Med 1990 Aug 23;323(8):542–3.
Hawkins RL see **Bamford OS**
Hawkshaw M see **Sataloff RT**
Haworth SG see **Bush A**
Hay M see **DuBois JB**
Hayakawa K see **Ernst DN**
Hayakawa T see **Niimi S**
Hayashi H see **Suzuki M**
Hayashi K see **Tarao K**
Hayashi M see **Yukioka H**
Hayashi R see **Mortimer EA Jr**
Hayashi T see **Nagasue N**
Hayashi T see **Wood D**
Hayden FG see **Hsia J**
Hayden-Smith J see **Parr MJ**
Hayek A see **Beattie GM**
Hayes DF, Silberstein DS, Rodrique SW, Kufe DW. DF3 antigen, a human epithelial cell mucin, inhibits adhesion of eosinophils to antibody-coated targets. J Immunol 1990 Aug 1;145(3):962–70
Hayes JD see **Harrison DJ**
Hayes JP see **Evans WE**
Hayes K see **Birch CJ**
Hayes M see **Denman WT**
Hayes PC see **Harrison DJ**
Hayglass KT see **Taghi-Kilani R**
Hayreh SS. The role of optic nerve sheath fenestration in management of anterior ischemic optic neuropathy [letter] Arch Ophthalmol 1990 Aug;108(8):1063–5
Haystead A see **Douglas RG**
Hayward D see **May PC**
Hayward R. Craniosynostosis and the paediatrician [editorial] Arch Dis Child 1990 Jun;65(6):568
Haywood P see **Forrest D**
Hazes JM, Silman AJ. Review of UK data on the rheumatic diseases—2. Rheumatoid arthritis. Br J Rheumatol 1990 Aug;29(4):310–2 (30 ref.)
Hazuda HP see **Perkins HS**
He JR see **Hartman RD**
Head D see **Crist W**
Head D see **Pui CH**
Head D see **Radich JP**
Head DR see **Pui CH**
Heaf DP see **Dalzell AM**
Heald FP. Atherosclerosis during adolescence. Med Clin North Am 1990 Sep;74(5):1321–32 (34 ref.)
Healey JH see **Brien WW**
Healy B. Endothelial cell dysfunction: an emerging endocrinopathy linked to coronary disease [editorial; comment] J Am Coll Cardiol 1990 Aug;16(2):357–8. Comment on: J Am Coll Cardiol 1990 Aug;16(2):349–56.
Healy DA, Neumyer MM. Renal artery stenosis: diagnosis with color duplex US [letter] Radiology 1990 Sep; 176(3):877–8
Healy DL see **Eddie LW**
Heard SE see **Majumdar G**
Hearst N see **Lindan CP**
Heath PJ see **Marks LF**
Heath-Chiozzi M see **Gulick RM**
Heathcote JG, Hurwitz JJ, Dardick I. A spindle-cell myoepithelioma of the lacrimal gland. Arch Ophthalmol 1990 Aug;108(8):1135–9
Heatley FW see **Brueton RN**
Heatley RV see **Shallcross TM**
Heaton KW. Dietary fibre. BMJ 1990 Jun 9; 300(6738):1479–80 (47 ref.)
Heaton P. Cryptosporidiosis and acute leukemia [letter] Arch Dis Child 1990 Jul;65(7):813–4
Heavner JE see **Badgwell JM**
Hebel JR see **Kittner SJ**
Hebert CA, Byrnes TJ, Baethge BA, Wolf RE, Kinasewitz GT. Exercise limitation in patients with polymyositis. Chest 1990 Aug;98(2):352–7
Hebert JC, O'Reilly M, Gamelli RL. Protective effect of recombinant human granulocyte colony-stimulating factor against pneumococcal infections in splenectomized mice. Arch Surg 1990 Aug;125(8):1075–8
Heckerling PS, Leikin JB, Terzian CG, Maturen A. Occult carbon monoxide poisoning in patients with neurologic illness. J Toxicol Clin Toxicol 1990;28(1):29–44
Hedberg K, Gunderson PD, Vargas C, Osterholm MT, MacDonald KL. Drownings in Minnesota, 1980–85: a population-based study. Am J Public Health 1990 Sep; 80(9):1071–4
Heddle R see **Wyman JB**
Hedeker D see **Fawcett J**
Hedeker DR see **Gibbons RD**
Hedeman LS see **Bengtson BP**
Hedgecock C see **Adamson IY**
Hedner J see **Ullman A**
Hedrick HL see **Gupta GC**
Heffner DK see **Har-El G**
Heffner DK see **Wenig BM**
Heffner LJ see **Rein MS**
Heft MW see **Nitzan DW**
Hefton JM see **Staiano-Coico L**
Hegsted DM. Trends in food consumption: implications for infant feeding. J Pediatr 1990 Aug;117(2 Pt 2):S80–3
Heidenreich PA see **Feinstein SB**
Heier MS see **Karlsson BR**
Heim M, Meyer UA. Genotyping of poor metabolisers of debrisoquine by allele-specific PCR amplification. Lancet 1990 Sep 1;336(8714):529–32
Heim-Duthoy KL see **Caperton EM**
Hein K see **Kipke MD**
Heindel RM, Pakyz RE, Reinking LN, Cosentino MJ. The effect of various degrees of unilateral spermatic cord torsion on fertility in the rat. J Urol 1990 Aug;144(2 Pt 1):366–9
Heindel W see **Luyten PR**
Heindel WC see **Salmon DP**
Heindorff H see **Almdal TP**
Heinemann L see **Sawicki P**
Heiniger HJ see **Burckhardt JJ**
Heino M see **Mäkinen L**
Heinonen OP see **Saari-Kemppainen A**
Heinrichs DW see **Carpenter WT Jr**
Heinz ER, Crain BJ, Radtke RA, Burger PC, Friedman AH, Djang WT, Wilkinson WE. MR imaging in patients with temporal lobe seizures: correlation of results with pathologic findings. AJR Am J Roentgenol 1990 Sep; 155(3):581–6
Heinzl S see **Guentert TW**
Heird WC see **Kashyap S**
Heise A see **Huang KC**
Heiss WD see **Luyten PR**
Heldrup J see **Prellner K**
Helfand M, Crapo LM. Monitoring therapy in patients taking levothyroxine. Ann Intern Med 1990 Sep 15;113(6):450–4
Helfant RH see **Peter CT**
Helfer RE see **Dalton HJ**
Helfer RE. The neglect of our children. Pediatr Clin North Am 1990 Aug;37(4):923–42 (42 ref.)
Hell B. Hyperostosis: a strange complication after a vascularized bone transplantation from the iliac crest [letter] Plast Reconstr Surg 1990 Sep;86(3):610
Heller AH see **Cutler NR**
Heller RF see **Kinlay S**
Hellstern A, Leuschner M, Frenk H, Dillinger HW, Caspary W, Leuschner U. Gall stone dissolution with methyl tert-butyl ether: how to avoid complications. Gut 1990 Aug;31(8):922–5
Hellström S see **Spandow O**
Helman SW see **Purcell KG**
Helmer H see **Fuchs AR**
Helms CA, Munk PL. Pseudopermeative skeletal lesions. Br J Radiol 1990 Jun;63(750):461–7
Helms P see **Davies H**
Helvie MA see **Adler DD**
Helweg-Larsen S, Rasmusson B, Sørensen PS. Recovery of gait after radiotherapy in paralytic patients with metastatic epidural spinal cord compression. Neurology 1990 Aug; 40(8):1234–6
Hénane S see **Pignol B**
Hendee WR see **Smith SJ**
Henderson DK see **Fahey BJ**
Henderson G see **Duckworth AS**
Henderson GI see **Schenker S**
Henderson J, Goldacre MJ, Griffith M. Hospital care for the elderly in the final year of life: a population based study. BMJ 1990 Jul 7;301(6742):17–9
Henderson J, Bernier S, D'Amour P, Goltzman D. Effects of passive immunization against parathyroid hormone (PTH)-like peptide and PTH in hypercalcemic tumor-bearing rats and normocalcemic controls. Endocrinology 1990 Sep;127(3):1310–8
Henderson WG, Eisen S, Goldberg J, True WR, Barnes JE, Vitek ME. The Vietnam Era Twin Registry: a resource for medical research. Public Health Rep 1990 Jul-Aug; 105(4):368–73
Hendler JM see **Multz AS**
Hendren RB see **Hendren WH**
Hendren WH see **Cockrell SN**
Hendren WH, Hendren RB. Bladder augmentation: experience with 129 children and young adults. J Urol 1990 Aug;144(2 Pt 2):445–53; discussion 460
Hendrick EB see **Khoury AE**
Hendricks HT, Franke CL, Theunissen PH. Cerebral amyloid angiopathy: diagnosis by MRI and brain biopsy. Neurology 1990 Aug;40(8):1308–10
Hendricks SK, Katz M. Effects of ritodrine tocolysis on cardiac isozymes and electrocardiography [letter] Am J Obstet Gynecol 1990 Aug;163(2):699–701
Hendrickson A see **Barlogie B**
Hendrix L see **Guarner J**
Hendrix PV see **Lazebnik N**
Hendry PJ see **Anstadt MP**
Hendy GN see **Nanes MS**
Hené RJ see **Tervaert JW**
Henes CG see **Geltman EM**
Henley CE, Magelssen D. Faculty development and organizational systems behavior. Acad Med 1990 Jun; 65(6):406–9
Henly PJ see **Houghton PW**
Hennen G see **de Zegher F**
Hennessey PJ see **Black CT**
Henning D see **Kastner T**
Henningfield JE. Can genetic constitution affect the 'objective' diagnosis of nicotine dependence? [editorial; comment] Am J Public Health 1990 Sep;80(9):1040–1. Comment on: Am J Public Health 1990 Sep;80(9):1053–6. Comment on: Am J Public Health 1990 Sep;80(9):1057–61. Comment on: Am J Public Health 1990 Sep;80(9):1114–5.
Henry BM see **Nagelkerk JM**
Henry JP see **Feinberg EJ**
Henry K see **Dorman A**
Henry MA see **Bretan O**
Henry MM see **Scott AD**
Henry P see **Samuels MH**
Henry TD see **Weissler AM**
Henshaw JS. Awareness and pain during surgery [letter] Anaesthesia 1990 Jun;45(6):491–2
Hensle TW see **Ring KS**
Henson J see **Porter KA**
Hepburn NC. Aetiology of eosinophilic enteritis [letter] Lancet 1990 Sep 1;336(8714):571
Hepler JE, Van Wyk JJ, Lund PK. Different half-lives of insulin-like growth factor I mRNAs that differ in length of 3' untranslated sequence. Endocrinology 1990 Sep; 127(3):1550–2
Hepworth J see **Kalra S**
Herbault H see **Charpin D**
Herberman RB see **Gorelik E**
Herbert J see **Fang WL**
Herbert WN, McGaghie WC, Droegemueller W, Riddle MH, Maxwell KL. Student evaluation in obstetrics and gynecology: self- versus departmental assessment. Obstet Gynecol 1990 Sep;76(3 Pt 1):458–61
Herbst AL. The Bethesda System for cervical/vaginal cytologic diagnoses: a note of caution [editorial] Obstet Gynecol 1990 Sep;76(3 Pt 1):449–50
Herbst MC see **Sheps DS**
Herden HN see **Bredtmann RD**
Herget J see **Hampl V**
Herholz K see **Luyten PR**
Herlinger H see **Rubesin SE**
Herlong FH see **Klein AS**
Herman CM see **Sneed J**
Herman DC see **Kalina PH**
Hermanek P, Schrott KM. Evaluation of the new tumor, nodes and metastases classification of renal cell carcinoma. J Urol 1990 Aug;144(2 Pt 1):238–41; discussion 241–2
Hermann GG see **Bitsch M**
Hermann RC. Risks of HIV exposure to medical students and health care personnel [editorial] JAMA 1990 Sep 5; 264(9):1187
Hermans J see **Geelkerken RH**
Hermans J see **Giard RW**
Hermida JS see **Leclercq JF**
Hermoza P see **Hyams KC**

Hernandez E see **Medina A**
Hernandez LA see **Parker JC**
Herndon DN see **Stothert JC Jr**
Herndon DN see **Strock LL**
Herndon JN see **Kettelkamp DB**
Hernigou P, Meignan M, Fevrier MJ, Goutallier D. Pleural-subarachnoid fistula detected by radionuclide myelography. J Bone Joint Surg [Br] 1990 Jul;72(4):727–8
Herold C see **Schurawitzki H**
Herr RD, Bossart PJ, Blaylock RC, Kroger K, Ash O. Intravenous catheter aspiration for obtaining basic analytes during intravenous infusion. Ann Emerg Med 1990 Jul; 19(7):789–92
Herrera L see **Petrelli NJ**
Herrero P see **Shelton ME**
Herrmann F see **Ganser A**
Herrmann HC, Rosenthal AD, Davis CA. Cardiovascular effects of intracoronary atrial natriuretic peptide administration in man. Am Heart J 1990 Aug;120(2):308–15
Herrnberger S see **Chantelau E**
Hershberger RE see **Bristow MR**
Hershey HG, Williams ME, Sadler JC. The emerging relationship between academic health centers and continuing care retirement communities. Acad Med 1990 Jun;65(6):414–6
Hershfield E see **Scalcini M**
Hershfield MS see **Arredondo-Vega FX**
Hershman D see **Gerr F**
Herson S, Brechignac S, Godeau P. Cimetidine in eosinophilic fasciitis [letter] Ann Intern Med 1990 Sep 1;113(5):412–3
Herson VC. Leukocyte counts in infants of diabetic mothers [letter] J Pediatr 1990 Aug;117(2 Pt 1):341
Hertzberg BS see **Carson SC**
Herzig GP see **Brown RA**
Herzig RH see **Brown RA**
Herzog KD see **Rupar DG**
Heseltine PN see **Chiu J**
Hess DL see **Kaynard AH**
Hess EV, Solinger AM. Comment on the article by Espinoza et al [letter] Arthritis Rheum 1990 Aug;33(8):1295–6
Hess J see **Kaulitz R**
Hess J see **Stümper OF**
Hess KR see **Jeroudi MO**
Hess OM see **Heywood JT**
Hesslein P see **Spevak PJ**
Hester FG. Minimizing the influence of drug marketing. Hospitals 1990 Aug 5;64(15):80
Hettleman BD see **Fall LH**
Hetzer R see **Regitz V**
Heussner P see **Freund MR**
Hewlett EL see **Cherry JD**
Hewlett EL see **Sullivan GW**
Hewson PH, Humphries SM, Roberton DM, McNamara JM, Robinson MJ. Markers of serious illness in infants under 6 months old presenting to a children's hospital. Arch Dis Child 1990 Jul;65(7):750–6
Heydemann J see **Wilbur AC**
Heyderman E, Larkin SE, O'Donnell PJ, Haines AM, Warren PJ, Northeast A, Grant AG. Epithelial markers in pancreatic carcinoma: immunoperoxidase localisation of DD9, CEA, EMA and CAM 5.2. J Clin Pathol 1990 Jun; 43(6):448–52
Heyman B see **Nose M**
Heymsfield SB, Smith R, Aulet M, Bensen B, Lichtman S, Wang J, Pierson RN Jr. Appendicular skeletal muscle mass: measurement by dual-photon absorptiometry. Am J Clin Nutr 1990 Aug;52(2):214–8
Heyns CF. Exstrophy of the testis. J Urol 1990 Sep; 144(3):724–5
Heywood JT, Grimm J, Hess OM, Jakob M, Krayenbühl HP. Right ventricular diastolic function during exercise: effect of ischemia. J Am Coll Cardiol 1990 Sep;16(3):611–22
Hiatt WR see **Eick JD**
Hibbard BM, McKenna DM. The obstetric forceps—are we using the appropriate tools? Br J Obstet Gynaecol 1990 May;97(5):374–80
Hibbard BM, Scott DB. The availability of epidural anaesthesia and analgesia in obstetrics. Br J Obstet Gynaecol 1990 May;97(5):402–5
Hibbs ML see **Johnston SC**
Hibi S see **Hirano M**
Hibri N see **Truwit CL**
Hickam DH see **Elliot DL**
Hickerson WL see **Boucher BA**
Hickey NC, Crowson MC, Simms MH. Emergency arterial reconstruction for acute ischaemia. Br J Surg 1990 Jun; 77(6):680–1
Hickey R see **Ramamurthy S**
Hickman RO see **Tarr PI**
Hickok DE see **Nyberg DA**
Hicks ML, Nolan GH, Maxwell SL, Mickle C. Acquired immunodeficiency syndrome and Pneumocystis carinii infection in a pregnant woman. Obstet Gynecol 1990 Sep; 76(3 Pt 2):480–1
Hidalgo DA, Jones CS. The role of emergent exploration in free-tissue transfer: a review of 150 consecutive cases. Plast Reconstr Surg 1990 Sep;86(3):492–8; discussion 499–501
Hiddemann W, Schmitz N, Pfreundschuh M, Pflüger KH, Ollech-Chwoyka J, Tirler C, Maschmeyer G, Kirchner H, Wagner T, Koch P, et al. Treatment of refractory Hodgkin's disease with high-dose cytosine arabinoside and mitoxantrone in combination. Results of a clinical phase II study of the German Hodgkin Study Group. Cancer 1990 Sep 1;66(5):838–43
Hidvegi RS see **Walop W**
Hierholzer J see **Moore PS**
Higano C see **Bianco JA**
Higashino K see **Nakanishi K**
Higenbottam T see **Otulana BA**
Higgins D. Confirmation of tracheal intubation in a neonate using the Fenem CO2 detector [letter] Anaesthesia 1990 Jul;45(7):591–2
Higgins D see **Denman WT**
Higgins G see **McLean CS**
Higgins SP, Horsley JR. The toxic shock syndrome [letter] BMJ 1990 Jun 9;300(6738):1523
Hightower A see **Schuchat A**
Hilal S see **Forman S**
Hilberman M. Capnometer readings at high altitude [letter] Anesthesiology 1990 Aug;73(2):354–5
Hill DE, Kramer SA. Management of pregnancy after augmentation cystoplasty. J Urol 1990 Aug;144(2 Pt 2):457–9; discussion 460
Hill DE, Segura JW, Patterson DE, Kramer SA. Ureteroscopy in children. J Urol 1990 Aug;144(2 Pt 2):481–3; discussion 492–3
Hill E see **Beresford TP**
Hill EC see **Carrington BM**
Hill EM see **Ogata SN**
Hill FJ see **Smejkal CM**
Hill GA see **Osteen KG**
Hill GB see **Livengood CH 3d**
Hill GL see **Christie PM**
Hill J see **Palit J**
Hill JA see **Mulrow CD**
Hill JA see **Van Voorhis BJ**
Hill LM, Rivello D, Martin JG. Intraluminal bladder calcifications: an antenatal sign of an enterovesical fistula. Obstet Gynecol 1990 Sep;76(3 Pt 2):500–2
Hill M see **Savalgi RS**
Hill MJ see **Houghton PW**
Hill MK, Goodfield MJ, Rodgers FG, Crowley JL, Saihan EM. Skin surface electron microscopy in Pityrosporum folliculitis. The role of follicular occlusion in disease and the response to oral ketoconazole. Arch Dermatol 1990 Aug;126(8):1071–4
Hill NC, Selinger M, Ferguson J, MacKenzie IZ. The placental transfer of mifepristone (RU 486) during the second trimester and its influence upon maternal and fetal steroid concentrations. Br J Obstet Gynaecol 1990 May; 97(5):406–11
Hill NC, Selinger M, Ferguson J, López Bernal A, Mackenzie IZ. The physiological and clinical effects of progesterone inhibition with mifepristone (RU 486) in the second trimester. Br J Obstet Gynaecol 1990 Jun;97(6):487–92
Hill NS see **Strumpf DA**
Hill SJ see **Iacovou JW**
Hillard PA see **Biro FM**
Hillard TC see **Stevenson JC**
Hiller FC see **Hackler JC**
Hiller W, Zaudig M, Mombour W. Development of diagnostic checklists for use in routine clinical care. A guideline designed to assess DSM-III-R diagnoses. Arch Gen Psychiatry 1990 Aug;47(8):782–4
Hillhouse J see **Glaser R**
Hillier S, Krohn MA, Watts DH, Wolner-Hanssen P, Eschenbach D. Microbiologic efficacy of intravaginal clindamycin cream for the treatment of bacterial vaginosis. Obstet Gynecol 1990 Sep;76(3 Pt 1):407–13
Hillier TM see **Cundy PJ**
Hillier TM see **Jones JR**
Hillion ML see **Deleuze P**
Hillis LD, Forman S, Braunwald E. Risk stratification before thrombolytic therapy in patients with acute myocardial infarction. The Thrombolysis in Myocardial Infarction (TIMI) Phase II Co-Investigators. J Am Coll Cardiol 1990 Aug;16(2):313–5
Hillman DR see **Hung J**
Hillman LS. Mineral and vitamin D adequacy in infants fed human milk or formula between 6 and 12 months of age. J Pediatr 1990 Aug;117(2 Pt 2):S134–42 (31 ref.)
Hilton TC, Pearson AC, Serota H, Dressler FA, Kern MJ. Right atrial infarction and cardiogenic shock complicating acute myocardial infarction: diagnosis by transesophageal echocardiography. Am Heart J 1990 Aug;120(2):427–30
Himelman RB see **Kircher BJ**
Himes JH, Roche AF. Parent-specific evaluation of growth [letter] Arch Dis Child 1990 Jun;65(6):647
Himmelman RG see **Soyka JM**
Himmelstein SI see **Davidson CJ**
Himmer G see **Putensen C**
al-Hindawi M, Whitehouse GH, Al-Ansari AG, Kamel H, Soni CR. Calcification of the large bowel in schistosomiasis demonstrated by computed tomography. Br J Radiol 1990 May;63(749):357–60
Hinder RA see **Stein HJ**
Hinderliter AL see **Sheps DS**
Hindle NW. Can't see the salt [letter] N Engl J Med 1990 Aug 16;323(7):488
Hindle WH. Breast masses. In-office evaluation with diagnostic triad. Postgrad Med 1990 Aug;88(2):85–7, 90–4
Hingson R see **Howland J**
Hinman AR. 1889 to 1989: a century of health and disease. Public Health Rep 1990 Jul-Aug;105(4):374–80
Hinman DJ see **Szeto HH**
Hinnie J, Jankowski JA, Brankin EB, Sturrock RD. Changes in keratan sulphate levels in the serum of a long distance runner [letter] Br J Rheumatol 1990 Aug;29(4):314–5
Hinshaw DB, Burger JM, Delius RE, Hyslop PA. Mechanism of protection of oxidant-injured endothelial cells by glutamine. Surgery 1990 Aug;108(2):298–304; discussion 304–5
Hinshaw LB see **Sprung CL**
Hinton AE see **Saeed SR**
Hinton RJ, Mallon BS, Morris KD, Miller J, Atkinson T, Hammond PM, Price CP. Colorimetric determination of human albumin [letter] J Clin Pathol 1990 Jul;43(7):610
Hintz RL see **Geffner ME**
Hinz JM see **Ward WF**
Hirai H see **Takada H**
Hirai T see **Fujita M**
Hiraishi S see **Iwashima Y**
Hiraizumi S see **Takano R**
Hirano M, Tanaka S, Tanaka Y, Hibi S. Transcutaneous intrafold injection for unilateral vocal fold paralysis: functional results. Ann Otol Rhinol Laryngol 1990 Aug; 99(8):598–604
Hirao N see **Tsugaya M**
Hirata K see **Mochida S**
Hirata K see **Ohtani H**
Hirayama R see **Esaki Y**
Hiroe M see **Koike A**
Hiroishi K see **Nakanishi K**
Hirokawa K see **Esaki Y**
Hirokawa S, Grimm M, Le T, Solomonow M, Baratta RV, Shoji H, D'Ambrosia RD. Energy consumption in paraplegic ambulation using the reciprocating gait orthosis and electric stimulation of the thigh muscles. Arch Phys Med Rehabil 1990 Aug;71(9):687–94
Hiroki T see **Kumagai K**
Hirose J see **Uchida Y**
Hirose S see **Nakanishi K**
Hirosue Y see **Inui A**
Hirota K see **Nagakawa J**
Hirsch C see **Franklin IM**
Hirsch J see **Katzeff HL**
Hirsch JF see **Pierre-Kahn A**
Hirsch JH see **Nyberg DA**
Hirsch JI see **Sanyal AJ**
Hirsch N see **Gray B**
Hirsch RE, Lin MJ, Das KM. Estimation of 5-aminosalicylic acid and its metabolite in human serum by front-face fluorometry: a simple and sensitive method. J Lab Clin Med 1990 Jul;116(1):45–50
Hirsch SH see **Reuben DB**
Hirsch-Ginsberg C see **Kantarjian HM**
Hirschl AM, Rathbone BJ, Wyatt JI, Berger J, Rotter ML. Comparison of ELISA antigen preparations alone or in combination for serodiagnosing Helicobacter pylori infections. J Clin Pathol 1990 Jun;43(6):511–3
Hirschman J see **Batten S**
Hirschorn KA see **Cascino GD**
Hirsh J see **Weitz JI**
Hirshman CA see **Adourian UA**
Hirvensalo E see **Böstman O**
Hisazumi H see **Amano T**
Hishinuma I see **Nagakawa J**
Hislop AA see **Bush A**
Hitchman E see **Wesierska-Gadek J**
Hitman GA see **Caffrey C**
Hitoshi Y see **Yamaguchi Y**
Hiura K see **Ishizuka S**
Hjelle B, Scalf R, Swenson S. High frequency of human T-cell leukemia-lymphoma virus type II infection in New Mexico blood donors: determination by sequence-specific oligonucleotide hybridization. Blood 1990 Aug 1; 76(3):450–4
Hjemdahl-Monsen CE, Ambrose JA, Borrico S, Cohen M, Sherman W, Alexopoulos D, Gorlin R, Fuster V. Angiographic patterns of balloon inflation during percutaneous transluminal coronary angioplasty: role of pressure-diameter curves in studying distensibility and elasticity of the stenotic lesion and the mechanism of dilation [see comments] J Am Coll Cardiol 1990 Sep; 16(3):569–75. Comment in: J Am Coll Cardiol 1990 Sep;16(3):576–7.
Hlatky MA see **Honan MB**
Ho CK see **Wang SY**
Ho HN, Gill TJ 3d, Nsieh RP, Hsieh HJ, Lee TY. Sharing of human leukocyte antigens in primary and secondary recurrent spontaneous abortions. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):178–88
Ho KL. Microtubular aggregates within rough endoplasmic reticulum in myxopapillary ependymoma of the filum terminale. Arch Pathol Lab Med 1990 Sep;114(9):956–60
Ho KL see **Levine SR**
Ho M see **Breinig MK**
Ho MS see **Gouvea V**
Hoare TJ, Aldren CJ, Morgan DW, Bull TR. Unusual case of bilateral conductive deafness. J Laryngol Otol 1990 Jul; 104(7):560–1
Hobbins JC see **Cullen MT**
Hobbins JC see **Reece EA**
Hobbs KE see **Ezaki T**
Hobbs MV see **Ernst DN**

Hobbs S see **Jones A**
Hobel CJ see **Sassoon DA**
Hobson RW 2d see **Anderson RJ**
Hochberg RB see **Petrazzuoli M**
Hochberg Z see **Amit T**
Hochstrasser B see **Barsky AJ**
Höcker P see **Graf H**
Hocking MP, Carlson RG, Courington KR, Bland KI. Altered motility and bacterial flora after functional end-to-end anastomosis. Surgery 1990 Aug;108(2):384–91; discussion 391–2
Hod H see **Leor J**
Hod H see **Strasberg B**
Hodge EE see **Slavis SA**
Hodges E, Stacey GN, Howell WM, Jones DB, Smith JL. Clonality of T cell and phenotypically undefined lymphoid neoplasms: the value of genotypic analyses. J Clin Pathol 1990 Jul;43(7):548–53
Hodges M see **Salerno DM**
Hodson ME see **MacDougall J**
Hodson WA see **Jackson JC**
Hoel D see **Davis DL**
Hoelzer D see **Ganser A**
Hoenig E see **Schneider S**
Hofer DR, Schaeffer AJ. Use of antimicrobials for patients undergoing prostatectomy. Urol Clin North Am 1990 Aug; 17(3):595–600 (36 ref.)
Hoff PT see **Homeister JW**
Höffken K see **Ganser A**
Hoffman CP see **Schatz M**
Hoffman DW. Neuroleptic drugs and the sigma receptor [letter] Am J Psychiatry 1990 Aug;147(8):1093–4
Hoffman GK. Success of alcoholics anonymous [letter] Am J Psychiatry 1990 Aug;147(8):1104
Hoffman HT, Baker SR. Tracheostoma diverticulum following tracheoesophageal puncture. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1074–6
Hoffman J see **Ramamurthy S**
Hoffman JR. Case 38–1989: diagnostic overkill? [letter] N Engl J Med 1990 Aug 23;323(8):551
Hoffman R see **Briddell RA**
Hoffman RM see **Kalayoglu M**
Hoffman WE see **Baughman VL**
Hoffman WL, Jump AA, Smiley JD. Synthesis of specific IgG idiotypes by rheumatoid synovium. Arthritis Rheum 1990 Aug;33(8):1196–204
Hoffman WY, Barton RM, Price M, Mathes SJ. Rigid internal fixation vs. traditional techniques for the treatment of mandible fractures. J Trauma 1990 Aug;30(8):1032–5; discussion 1035–6
Hoffstein V see **Katz I**
Hofman FM see **Stohl W**
Hofmeyr GJ, Metrikin DC, Williamson I. Abdominal decompression: new data from a previous study. Br J Obstet Gynaecol 1990 Jun;97(6):547–8
Hofmeyr GJ. Should abdominal decompression be consigned to the history books? [editorial] Br J Obstet Gynaecol 1990 Jun;97(6):467–9
Hogan AJ see **Hudson JW**
Hogan DE, Dire DJ. Anaphylactic shock secondary to rattlesnake bite. Ann Emerg Med 1990 Jul;19(7):814–6
Hogan JM see **Kealy WF**
Hogan LB see **Feliciano N**
Hogg JC see **Bosken CH**
Hohnloser SH see **Kasper W**
Hoidal JR see **Rao NV**
Hojat M, Blacklow RS, Robeson M, Veloski JJ, Borenstein BD. Postbaccalaureate preparation and performance in medical school. Acad Med 1990 Jun;65(6):388–91
Hokan R see **Mok DW**
Hokanson JA see **Calhoun KH**
Hoke CH Jr, Malinoski FJ, Eckels KH, Scott RM, Dubois DR, Summers PL, Simms T, Burrous J, Hasty SE, Bancroft WH. Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. II. Safety and immunogenicity in humans. Am J Trop Med Hyg 1990 Aug;43(2):219–26
Hökfelt T see **Schalling M**
Hoki N see **Kumagai K**
Holahan JM see **Alterman AI**
Holburn GE see **Moore DE**
Holcroft JW see **Wisner DH**
Holdcroft A see **Milaskiewicz RM**
Holder LE. Clinical radionuclide bone imaging. Radiology 1990 Sep;176(3):607–14 (97 ref.)
Holgate CS see **Soussi AC**
Holgate ST see **Djukanovic R**
Holgate ST see **Polosa R**
Holgate ST see **Sporik R**
Holland A see **Arlt G**
Holland A see **Jenike MA**
Holland B see **Hudson I**
Holland FJ see **Bronspiegel-Weintrob N**
Holliday MA see **Chandboke PS**
Hollier LH, Smith FI, Rice JC, Kliger CH, Kerstein MD. Efficacy of home health care in patients with peripheral vascular disease. Am J Surg 1990 Aug;160(2):179–81
Hollier LH see **Granke K**
Hollifield J see **Saunders E**
Hollinrake K see **Turner PC**
Hollis BW see **Matsuoka LY**
Hollis BW see **Sherman SS**
Hollis SL see **Jones JL**
Holló Z see **Balla T**
Holm G see **Grimfors G**
Holm T see **Kallio P**
Holman BL see **Tumeh SS**
Holmberg SD see **Horsburgh CR Jr**
Holmdahl R see **Spannaus-Martin DJ**
Holmes DR Jr see **Bell MR**
Holmes IH see **Sethabutr O**
Holmes KK see **Kiviat N**
Holmes LB see **Nadel AS**
Holmes MA see **Weiskopf RB**
Holmes SJ see **Aylett SE**
Holsboer F see **Van LP**
Holst JJ see **Bornstein SR**
Holt KW see **Wootton JR**
Holt PJ see **Buckee C**
Holt R see **Gold HK**
Holt R see **Yasuda T**
Holt S see **Taylor TV**
Holtgrewe HL. American Urological Association survey of transurethral prostatectomy and the impact of changing medicare reimbursement. Urol Clin North Am 1990 Aug; 17(3):587–93
Höltl W see **Flamm J**
Holtmann G, Kriebel R, Singer MV. Mental stress and gastric acid secretion. Do personality traits influence the response? Dig Dis Sci 1990 Aug;35(8):998–1007
Holtzman MJ see **Pentland AP**
Holzer P. Nerves and gastric mucosal protection [letter] Dig Dis Sci 1990 Aug;35(8):1048–51
Holzer TJ see **Salazar-Grueso EF**
Holzman BH see **Cantwell GP**
Home P see **Thow J**
Homeister JW, Hoff PT, Fletcher DD, Lucchesi BR. Combined adenosine and lidocaine administration limits myocardial reperfusion injury. Circulation 1990 Aug; 82(2):595–608
Hommel E see **Osterby R**
Homonnai Z see **Berger SA**
Homoud MK see **Haft JI**
Homs JB see **Djindjian M**
Homsy YL, Sand F, Laberge I, Williot P, Pison C. Transitional hydronephrosis of the newborn and infant. J Urol 1990 Aug;144(2 Pt 2):579–83; discussion 593–4
Honan MB, Harrell FE Jr, Reimer KA, Califf RM, Mark DB, Pryor DB, Hlatky MA. Cardiac rupture, mortality and the timing of thrombolytic therapy: a meta-analysis. J Am Coll Cardiol 1990 Aug;16(2):359–67
Hong AS, Chae JS, Dubin SB, Lee S, Fishbein MC, Siegel RJ. Ultrasonic clot disruption: an in vitro study. Am Heart J 1990 Aug;120(2):418–22
Hong KS see **Lim JH**
Honnebier MB see **Figueroa JP**
Honos GN see **Dumesnil JG**
Honour JW see **Midgley PC**
Hoofnagle JH see **Kaneko S**
Hook EW. Septic gonococcal arthritis is much more common in the USA than in the UK. Br J Rheumatol 1990 Aug; 29(4):283
Hooper PL, Tello RJ, Burstein PJ, Abrams RS. Pseudoinsulinoma—the Diamox-Diabinese switch [letter] N Engl J Med 1990 Aug 16;323(7):488
Hoosen AA, Rasool MN, Roux L. Posttraumatic ankle joint infection with Arcanobacterium haemolyticum: a case report [letter] J Infect Dis 1990 Sep;162(3):780–1
Hoover CA see **Bigger JT Jr**
Hope PL see **Moorthy B**
Hopeman A see **Whitman GJ**
Hopkin JM see **Wakefield AE**
Hopkins BE see **Spears JR**
Hopman WP see **van Erpecum KJ**
Hopp RJ see **Davé NK**
Hoppenjans WB, Bibler MR, Orme RL, Solinger AM. Prolonged cutaneous herpes zoster in acquired immunodeficiency syndrome [see comments] Arch Dermatol 1990 Aug;126(8):1048–50. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Hopper KD see **Parker SH**
Hopper KD, Baird DE, Reddy VV, Landis JR, Parker SH, Tyler HN Jr, Ownbey JL, McCauslin MA, Yakes WF, Sabatelli FW, et al. Efficacy of automated biopsy guns versus conventional biopsy needles in the pygmy pig [see comments] Radiology 1990 Sep;176(3):671–6. Comment in: Radiology 1990 Sep;176(3):615–6.
Hoppichler F see **Loewit K**
Horan JM see **Mishu B**
Horgan JH see **Ohman EM**
Horimoto M see **Toyoda N**
Horlait S see **Khalfallah Y**
Horn EM, Bilezikian JP. Mechanisms of abnormal transmembrane signaling of the beta-adrenergic receptor in congestive heart failure. Circulation 1990 Aug;82(2 Suppl):I26–34
Horn HR. Unsolicited medical journals. Am J Cardiol 1990 Aug 15;66(4):514–5
Horn JR see **Bauer LA**
Horne C see **Rinfret A**
Horneffer PJ, Zahka KG, Rowe SA, Manolio TA, Gott VL, Reitz BA, Gardner TJ. Long-term results of total repair of tetralogy of Fallot in childhood. Ann Thorac Surg 1990 Aug;50(2):179–83; discussion 183–5
Horneffer PJ, Miller RH, Pearson TA, Rykiel MF, Reitz BA, Gardner TJ. The effective treatment of postpericardiotomy syndrome after cardiac operations. A randomized placebo-controlled trial. J Thorac Cardiovasc Surg 1990 Aug;100(2):292–6
Horner RD see **Purvis JR**
Horner SA, Weingarten JL. Eosinophilic cystitis in a renal allograft recipient. J Urol 1990 Aug;144(2 Pt 1):342–3
Hornung CA see **Gibson JJ**
Hornykiewicz O see **Riley DE**
Horowitz M see **Nordin BE**
Horrow JC, Digregorio GJ, Barbieri EJ, Rupp E. Intravenous infusions of nitroprusside, dobutamine, and nitroglycerin are compatible [see comments] Crit Care Med 1990 Aug; 18(8):858–61. Comment in: Crit Care Med 1990 Aug;18(8):896.
Horsburgh CR Jr, Ou CY, Jason J, Holmberg SD, Lifson AR, Moore JL, Ward JW, Seage GR, Mayer KH, Evatt BL, et al. Concordance of polymerase chain reaction with human immunodeficiency virus antibody detection. J Infect Dis 1990 Aug;162(2):542–5
Horsley JR see **Higgins SP**
(Horsley V), Fodstad H, Ljunggren B, Kristiansen K. Vilhelm Magnus—pioneer neurosurgeon. J Neurosurg 1990 Sep; 73(3):317–30
Horst RL see **Reinhardt TA**
Horton RC, Owen JS. LCAT activity as a prognostic liver function test [letter] Lancet 1990 Jul 28;336(8709):249–50
Horton RJ see **Clarke IJ**
Horvath E see **Lloyd RV**
Horwitz BL see **Weinreb RN**
Horwitz DA see **Linker-Israeli M**
Horwitz LJ see **Spinolo JA**
Horwitz RI, Viscoli CM, Berkman L, Donaldson RM, Horwitz SM, Murray CJ, Ransohoff DF, Sindelar J. Treatment adherence and risk of death after a myocardial infarction. Lancet 1990 Sep 1;336(8714):542–5
Horwitz SM see **Horwitz RI**
Hoshino S, Oshimi K, Tsudo M, Miyasaka M, Teramura M, Masuda M, Motoji T, Mizoguchi H. Flow cytometric analysis of expression of interleukin-2 receptor beta chain (p70–75) on various leukemic cells. Blood 1990 Aug 15; 76(4):767–74
Hosie KB, Kmiot WA, Keighley MR. Constipation: another indication for restorative proctocolectomy. Br J Surg 1990 Jul;77(7):801–2
Hoskins WJ see **Rubin SC**
Hosoda K see **Itoh H**
Hosoda K see **Mukoyama M**
Hosokawa Y see **Yamaguchi M**
Hosoya Y, Ikeda K, Yamaki M, Tsuiki K, Yasui S. The clinical significance of exercise-induced ST segment changes in patients with previous inferior myocardial infarction. Am Heart J 1990 Sep;120(3):554–61
Hossack KF see **Rector WG Jr**
Høstmark AT see **Flaten H**
Houck JR see **Fedok FG**
Hougaard P see **Ribel U**
Houghton AN see **Chapman PB**
Houghton PW, Owen RJ, Henly PJ, Mortensen NJ, Hill MJ, Williamson RC. Experimental colonic carcinogenesis after gastric surgery. Br J Surg 1990 Jul;77(7):774–8
Houkom JA see **Shannon FB**
Houry S, Languille O, Huguier M, Benhamou JP, Belghiti J, Msika S. Sclerosing cholangitis induced by formaldehyde solution injected into the biliary tree of rats. Arch Surg 1990 Aug;125(8):1059–61
Houston A see **Hudson I**
Houston LL see **Jaffe GJ**
Houts PS see **Segal S**
Houtteville JP see **Sigal R**
Houwert-de Jong MH, Bruinse HW, Eskes TK, Mantingh A, Termijtelen A, Kooyman CD. Early recurrent miscarriage: histology of conception products. Br J Obstet Gynaecol 1990 Jun;97(6):533–5
Howard BV see **Abbott WG**
Howard DJ see **Lund VJ**
Howard LJ see **McLane NJ**
Howard R, Castle D. Concern about bovine spongiform encephalopathy [letter] Lancet 1990 Aug 4;336(8710):316
(Howard RB) Howard RB, Balfour WM, Cullen R. Extreme hyperferremia in two instances of hemochromatosis with notes on the treatment of one patient by means of repeated venesection. 1952 [classical article] J Lab Clin Med 1990 Jul;116(1):121–32
Howard RB, Balfour WM, Cullen R. Extreme hyperferremia in two instances of hemochromatosis with notes on the treatment of one patient by means of repeated venesection. 1952 [classical article] J Lab Clin Med 1990 Jul; 116(1):121–32
Howard RF see **Maier WP**
Howard RJ see **Aikawa M**
Howard RJ, Handunnetti SM, Hasler T, Gilladoga A, de Aguiar JC, Pasloske BL, Morehead K, Albrecht GR, van Schravendijk MR. Surface molecules on Plasmodium falciparum-infected erythrocytes involved in adherence. Am J Trop Med Hyg 1990 Aug;43(2 Pt 2):15–29 (87 ref.)
Howard RJ see **Moe GW**
Howarth RH see **Djukanovic R**
Howat PM, Varner LM, Wampold RL. The effectiveness of a dental/dietitian team in the assessment of bulimic dental health. J Am Diet Assoc 1990 Aug;90(8):1099–102
Howatson AG see **Adams JH**

Howdle PD, Losowsky MS. Review of methods for measuring gliadins in food. Gut 1990 Jun;31(6):712–3 (17 ref.)
Howell CD see **Vierling JM**
Howell GM, Gustafsson JA, Lefebvre YA. Glucocorticoid receptor identified on nuclear envelopes of male rat livers by affinity labeling and immunochemistry. Endocrinology 1990 Sep;127(3):1087–96
Howell SB see **Kim S**
Howell WM see **Hodges E**
Howie VM see **Chonmaitree T**
Howland J see **Meier FA**
Howland J, Mangione T, Hingson R, Levenson S, Winter M, Altwicker A. A pilot survey of aquatic activities and related consumption of alcohol, with implications for drowning. Public Health Rep 1990 Jul–Aug;105(4):415–9
Howseman AM see **Johnson IR**
Hoxie NJ, Vergeront JM, Frisby HR, Pfister JR, Golubjatnikov R, Davis JP. HIV seroprevalence and the acceptance of voluntary HIV testing among newly incarcerated male prison inmates in Wisconsin. Am J Public Health 1990 Sep;80(9):1129–31
Hoy GR see **Tucker MC**
Hoy J see **Johnson PC**
Hoyt DB, Ozkan AN, Hansbrough JF, Marshall L, vanBerkum-Clark M. Head injury: an immunologic deficit in T-cell activation. J Trauma 1990 Jul;30(7):759–66; discussion 766–7
Hoyumpa AM see **Schenker S**
Hreash F, Keil LC, Chou L, Reid IA. Effects of carotid occlusion and angiotensin II on vasopressin secretion in intact and vagotomized conscious rabbits. Endocrinology 1990 Sep;127(3):1160–6
Hricak H see **Carrington BM**
Hruban RH, Traganos F, Reuter VE, Huvos AG. Chordomas with malignant spindle cell components. A DNA flow cytometric and immunohistochemical study with histogenetic implications. Am J Pathol 1990 Aug; 137(2):435–47
Hsia J, Goldstein AL, Simon GL, Sztein M, Hayden FG. Peripheral blood mononuclear cell interleukin-2 and interferon-gamma production, cytotoxicity, and antigen-stimulated blastogenesis during experimental rhinovirus infection. J Infect Dis 1990 Sep;162(3):591–7
Hsia PW see **Mahmud R**
Hsieh HJ see **Ho HN**
Hsing AW see **Harger JH**
Hsu CH, Patel S. 25-Hydroxyvitamin D metabolism and its effect on calcitriol metabolism in experimental renal failure. J Lab Clin Med 1990 Jul;116(1):51–7
Hsu LC see **Pun WK**
Hsu PL see **Hsu SM**
Hsu SM, Xie SS, Hsu PL. Cultured Reed-Sternberg cells HDLM-1 and KM-H2 can be induced to become histiocytelike cells. H-RS cells are not derived from lymphocytes. Am J Pathol 1990 Aug;137(2):353–67
Hsueh AJ see **LaPolt PS**
Hu SW see **Chen CR**
Huang AS see **Browning MJ**
Huang CH see **Tan LB**
Huang KC, Heise A, Shrader AK, Tsueda K. Vancomycin enhances the neuromuscular blockade of vecuronium. Anesth Analg 1990 Aug;71(2):194–6
Huang TB. Cancer of the nasopharynx in childhood. Cancer 1990 Sep 1;66(5):968–71
Huard P see **Garner PR**
Huben RP see **Parra RO**
Huber DH see **Peterson HB**
Huber GK see **Martin A**
Huber SA. Doxorubicin-induced alterations in cultured myocardial cells stimulate cytolytic T lymphocyte responses. Am J Pathol 1990 Aug;137(2):449–56
Huber SA see **Haisch CE**
Huberman M see **Mittelman A**
Hubinont C see **Fisk NM**
Huck W see **Reed BD**
Huda S see **Clemens JD**
Huddy S see **Joyce W**
Hudgins PA see **Lewis CA**
Hudoba M see **Weitz JI**
Hudson CN see **Whitaker SJ**
Hudson E. Cervical cytology. BMJ 1990 May 26; 300(6736):1353–4 (6 ref.)
Hudson I, Cooke A, Holland B, Houston A, Jones JG, Turner T, Wardrop CA. Red cell volume and cardiac output in anaemic preterm infants. Arch Dis Child 1990 Jul;65(7 Spec No):672–5
Hudson JW, Keefe CW, Hogan AJ. Cholesterol measurement and treatment in community practices. J Fam Pract 1990 Aug;31(2):139–44
Hudson LD see **Rogers RM**
Hudson T see **Anderson HJ**
Hudson T. Outpatient centers: do they fill a void or hurt hospitals? Hospitals 1990 Aug 20;64(16):52
Hudson T. Experts disagree over the cost of defensive medicine. Hospitals 1990 Aug 5;64(15):74
Hudson T. Legal questions remain in AIDS segregation cases. Hospitals 1990 Aug 20;64(16):59–60
Hudson T. GAO report: deficits in state outpatient center regulation. Hospitals 1990 Aug 5;64(15):73
Hudson T. Attorney: business image can hurt hospitals. Hospitals 1990 Aug 5;64(15):68
Huesman RH see **Valk PE**
Huestis PW see **Thompson R**
Huettner PC see **Van Voorhis BJ**
Huffman J see **Malkowicz SB**
Huggins NJ see **Gray B**
Huggins NJ see **Stokes DN**
Huggon I, James I, Macrae D. Hyperosmolality related to propylene glycol in an infant treated with enoximone infusion. BMJ 1990 Jul 7;301(6742):19–20
Hughes GH see **Wagenknecht LE**
Hughes JM. Fleischner lecture. Radionuclides and the lung: past, present, and future. AJR Am J Roentgenol 1990 Sep; 155(3):455–63 (55 ref.)
Hughes JM see **Chilvers ER**
Hughes PL see **Kenny JB**
Hughes RA. Antibodies to cerebellar soluble lectin in multiple sclerosis [letter] Lancet 1990 Aug 18;336(8712):438–9
Hugli TE see **Kajita T**
Huguier M see **Houry S**
Huh K, Meador KJ, Lee GP, Loring DW, Murro AM, King DW, Gallagher BB, Smith JR, Flanigin HF. Human hippocampal EEG: effects of behavioral activation. Neurology 1990 Aug;40(8):1177–81
Huh Y see **Kantarjian HM**
Hui YW see **Ling JM**
Huibregtse K see **Coene PP**
Huin-Yan S see **Domergue J**
Huitema MG see **Tervaert JW**
Huitfeldt HS see **Valnes K**
Huizinga TW, de Haas M, Kleijer M, Nuijens JH, Roos D, von dem Borne AE. Soluble Fc gamma receptor III in human plasma originates from release by neutrophils. J Clin Invest 1990 Aug;86(2):416–23
Huland E, Huland H, Schneider AW. Quantitative immunocytology in the management of patients with superficial bladder carcinoma. I. A marker to identify patients who do not require prophylaxis. J Urol 1990 Sep; 144(3):637–9; discussion 639–40
Huland H see **Huland E**
Hulka BS see **Schildkraut JM**
Hull D see **Gage TS**
Hulley SB see **Newman TB**
Hulse CA. Neurofibromatosis: bladder involvement with malignant degeneration. J Urol 1990 Sep;144(3):742–3
Hultcrantz R see **Berglund L**
Hultén L see **Oresland T**
Hultin L see **Nel AE**
Humberston CL, Dean BS, Krenzelok EP. Ingestion of 35% hydrogen peroxide. J Toxicol Clin Toxicol 1990; 28(1):95–100
Humberstone DA see **Douglas RG**
Hume E. The antisocial personality disorder diagnosis [letter] Am J Psychiatry 1990 Sep;147(9):1254
Humphreys RE see **Lu S**
Humphries RK see **Wognum AW**
Humphries SM see **Hewson PH**
Hunder GG see **Arend WP**
Hunder GG, Arend WP, Bloch DA, Calabrese LH, Fauci AS, Fries JF, Leavitt RY, Lie JT, Lightfoot RW Jr, Masi AT, et al. The American College of Rheumatology 1990 criteria for the classification of vasculitis. Introduction. Arthritis Rheum 1990 Aug;33(8):1065–7
Hunder GG, Bloch DA, Michel BA, Stevens MB, Arend WP, Calabrese LH, Edworthy SM, Fauci AS, Leavitt RY, Lie JT, et al. The American College of Rheumatology 1990 criteria for the classification of giant cell arteritis. Arthritis Rheum 1990 Aug;33(8):1122–8
Hunder GG see **Bloch DA**
Hunder GG see **Calabrese LH**
Hunder GG see **Fries JF**
Hunder GG see **Leavitt RY**
Hunder GG see **Lightfoot RW Jr**
Hunder GG see **Masi AT**
Hunder GG see **Mills JA**
Hung CS see **Sheih CP**
Hung J, Whitford EG, Parsons RW, Hillman DR. Association of sleep apnoea with myocardial infarction in men. Lancet 1990 Aug 4;336(8710):261–4
Hungerford JL see **Onadim ZO**
Hunninghake GW see **Goldstein RA**
Hunse C see **Benzaquen S**
Hunt CE see **Brouillette RT**
Hunt CE. Relationship between breath-holding spells and cardiorespiratory control: a new perspective [comment] J Pediatr 1990 Aug;117(2 Pt 1):245–7. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):188–93.
Hunt D see **Lowenstein SR**
Hunt D see **Warren RJ**
Hunt EH see **Jagger J**
Hunt HD, Pullen JK, Dick RF, Bluestone JA, Pease LR. Structural basis of Kbm8 alloreactivity. Amino acid substitutions on the beta-pleated floor of the antigen recognition site. J Immunol 1990 Sep 1;145(5):1456–62
Hunt J see **Goldman A**
Hunt TM, Flowerdew AD, Birch SJ, Williams JD, Mullee MA, Taylor I. Prospective randomized controlled trial of hepatic arterial embolization or infusion chemotherapy with 5-fluorouracil and degradable starch microspheres for colorectal liver metastases. Br J Surg 1990 Jul;77(7):779–82
Hunter D see **John RM**
Hunter DJ, Morris JS, Stampfer MJ, Colditz GA, Speizer FE, Willett WC. A prospective study of selenium status and breast cancer risk. JAMA 1990 Sep 5;264(9):1128–31
Hunter RE see **Rose PG**
Hunter S see **Fakjian N**
Hunter S see **McCrirrick A**
Hur D see **Burke AB**
Hurko O see **Aryanpur J**
Hurley DP see **Laties AM**
Hurren L see **Sculley TB**
Hurwitz JJ see **Heathcote JG**
Hurwitz RS see **Koo AS**
Husain MM see **Lurie SN**
Huskisson EC see **Scott DL**
Husmann DA, Spence HM. Current status of tumor of the bowel following ureterosigmoidostomy: a review. J Urol 1990 Sep;144(3):607–10 (28 ref.)
Hussain A, Kay NJ. Prophylactic antibiotics and post-laryngectomy fistulae [letter] J Laryngol Otol 1990 Jul;104(7):591
Hussain S see **Okonofua FE**
Hussain SY, O'Brien PM, De Souza V, Okonofua F, Dandona P. Reduced atrial natriuretic peptide concentrations in premenstrual syndrome. Br J Obstet Gynaecol 1990 May; 97(5):397–401
Hussein AT see **Omran SA**
Hussein NA see **Omran SA**
Hussey R see **Feder G**
Hussey RW see **Blumberg KD**
Husted RF, Laplace JR, Stokes JB. Enhancement of electrogenic Na+ transport across rat inner medullary collecting duct by glucocorticoid and by mineralocorticoid hormones. J Clin Invest 1990 Aug;86(2):498–506
Huston J see **Eisenbud DE**
Hutcheson RH see **Mishu B**
Hutchins GD see **Schwaiger M**
Hutchins SG see **Rogers JE**
Hutchinson T see **Walop W**
Hutchison FN see **Davies RW**
Hutson FS see **Barg NL**
Hutter RD see **Landercasper J**
Huttly SR see **Victora CG**
Huvos AG see **Hruban RH**
Hwang DR see **Shelton ME**
Hyams KC, Phillips IA, Tejada A, Li O, Hermoza P, Lopez F, Alva P, Chauca G, Sanchez S, Wignall FS. Hepatitis B in a highly active prostitute population: evidence for a low risk of chronic antigenemia. J Infect Dis 1990 Aug; 162(2):295–8
Hyers TM see **Silverman HJ**
Hyler SE, Skodol AE, Kellman HD, Oldham JM, Rosnick L. Validity of the Personality Diagnostic Questionnaire—revised: comparison with two structured interviews. Am J Psychiatry 1990 Aug;147(8):1043–8
Hylton JB see **Sullivan GW**
Hyman AL see **Brinker MR**
Hyman S see **Jenike MA**
Hynd GW, Semrud-Clikeman M, Lorys AR, Novey ES, Eliopulos D. Brain morphology in developmental dyslexia and attention deficit disorder/hyperactivity. Arch Neurol 1990 Aug;47(8):919–26
Hyslop PA see **Hinshaw DB**
Hyyppä MT see **Lindholm T**

I

Iacovou JW, Hill SJ, Birmingham AT. Agonist-induced contraction and accumulation of inositol phosphates in the guinea-pig detrusor: evidence that muscarinic and purinergic receptors raise intracellular calcium by different mechanisms. J Urol 1990 Sep;144(3):775–9
Iannettoni MD see **Zweng TN**
Iannone P see **Gionchetti P**
Ibrahim IM see **Pecoraro JP**
Ibrahim ZH see **Isherwood PJ**
Ibukuro K see **Furui S**
Ichihara J see **Izumi H**
Ichinose Y see **Hara N**
Ideguchi H see **Kato S**
Ideo G see **Poynard T**
Igarashi I see **Iseki M**
Igarashi M see **Eicher SA**
Igawa M, Ohkuchi T, Ueki T, Ueda M, Okada K, Usui T. Usefulness and limitations of methotrexate, vinblastine, doxorubicin and cisplatin for the treatment of advanced urothelial cancer. J Urol 1990 Sep;144(3):662–5
Igboaka G see **Otulana BA**
Iguchi M, Umekawa T, Ishikawa Y, Katayama Y, Kodama M, Takada M, Katoh Y, Kataoka K, Kohri K, Kurita T. Clinical effects of prophylactic dietary treatment on renal stones. J Urol 1990 Aug;144(2 Pt 1):229–32
Ikarashi T see **Takahashi H**
Ikebuchi M see **Nishio Y**
Ikeda DM see **Adler DD**
Ikeda H see **Itagaki Y**
Ikeda H see **Koh G**
Ikeda K see **Hosoya Y**
Ikeda K see **Ozawa T**
Ikeda N see **Nishizaki T**
Ikeda T see **Aizawa H**
Ikeda T, Mori N. Assessment of cerebral hemodynamics in pregnant women by internal carotid artery pulsed Doppler velocimetry. Am J Obstet Gynecol 1990 Aug;163(2):494–8
Ikeda T see **Tarao K**
Ikegami M see **Tabor BL**

Ikenberg H, Runge M, Göppinger A, Pfleiderer A. Human papillomavirus DNA in invasive carcinoma of the vagina. Obstet Gynecol 1990 Sep;76(3 Pt 1):432–8
Ikeyama Y see **Nishizaki T**
Ikram H, Crozier IG. Xamoterol in severe heart failure [letter] Lancet 1990 Aug 25;336(8713):517–8
Illingworth DR see **Leaf DA**
Ilstrup DM see **Garton GR**
Im JG, Han MC, Yu EJ, Han JK, Park JM, Kim CW, Seo JW, Yoon Y, Lee JD, Lee KS. Lobar bronchioloalveolar carcinoma: "angiogram sign" on CT scans. Radiology 1990 Sep;176(3):749–53
Imai Y see **Harada Y**
Imai Y see **Yamaguchi M**
Imam N, Carpenter CC, Mayer KH, Fisher A, Stein M, Danforth SB. Hierarchical pattern of mucosal candida infections in HIV-seropositive women. Am J Med 1990 Aug;89(2):142–6
Imamura K see **Akagi T**
Imanishi M see **Ashida T**
Imanse J, Vanneste J. Intraventricular hemorrhage following amphetamine abuse. Neurology 1990 Aug;40(8):1318–9
Imashuku S see **Kataoka Y**
Imhof H see **Pollak H**
Immanuel V see **Taplin SH**
Imperato-McGinley J see **Carpenter TO**
Imperiale E see **Ghigo E**
Imperiale TF, McCullough AJ. Do corticosteroids reduce mortality from alcoholic hepatitis? A meta-analysis of the randomized trials. Ann Intern Med 1990 Aug 15; 113(4):299–307
Imrie CW see **Wilson C**
Imura H see **Fujiwara T**
Imura H see **Koh G**
Imura H see **Mukoyama M**
In' t Veld PA see **De Vroede MA**
Inada M see **Toyoda N**
Inbasegaran K, Lim TA. Atracurium infusions without neuromuscular monitoring [letter] Anaesthesia 1990 Jul; 45(7):599
Incarbone C see **Zanetti AR**
Ingram JC see **Woolridge MW**
Innanen VT, Vale JM. Assessment of the one hour adrenocorticotrophic hormone test in the diagnosis of attenuated 21-hydroxylase deficiency. J Clin Pathol 1990 Jun;43(6):493–5
Inoue D see **Enomoto T**
Inoue F see **Nishiyama S**
Inoue H see **Aizawa H**
Inoue K see **Morioka M**
Inoue M see **Duggan MA**
Inoue O see **Akagi T**
Inoue T, Morita K. The prognostic significance of number of positive nodes in cervical carcinoma stages IB, IIA, and IIB. Cancer 1990 May 1;65(9):1923–7
Inoue T see **Inui A**
Inui A, Okita M, Miura M, Hirosue Y, Nakajima M, Inoue T, Oya M, Baba S. Characterization of the receptors for peptide-YY and avian pancreatic polypeptide in chicken and pig brains. Endocrinology 1990 Aug;127(2):934–41
Ionescu-Pioggia M see **Pope HG Jr**
Iranmanesh A see **Veldhuis JD**
Irie M see **Miyachi Y**
Irie M see **Sato N**
Irie T see **Furui S**
Irigoyen M see **Gutin B**
Irino S see **Fujita J**
Irion GL, Clark KE. Relationship between the ovine fetal umbilical artery blood flow waveform and umbilical vascular resistance. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):222–9
Irmiter RJ see **Green TP**
Ironside JW see **Lane S**
Irony I see **Kater CE**
Irvin WS see **Uveges JM**
Irvine AT see **Flower MA**
Irving MH see **Anderson ID**
Irwin M, Caldwell C, Smith TL, Brown S, Schuckit MA, Gillin JC. Major depressive disorder, alcoholism, and reduced natural killer cell cytotoxicity. Role of severity of depressive symptoms and alcohol consumption. Arch Gen Psychiatry 1990 Aug;47(8):713–9
Irwin ST, Krukowski ZH, Matheson NA. Single layer anastomosis in the upper gastrointestinal tract. Br J Surg 1990 Jun;77(6):643–4
Isaacs JT see **Martikainen P**
Isaacson G. Extraluminal arytenoid reconstruction: laryngeal framework surgery applied to a pediatric problem. Ann Otol Rhinol Laryngol 1990 Aug;99(8):616–20
Isales CM see **Bollag WB**
Iseki M see **Aikawa M**
Iseki M, Broderson JR, Pirl KG, Igarashi I, Collins WE, Aikawa M. Renal pathology in owl monkeys in Plasmodium falciparum vaccine trials. Am J Trop Med Hyg 1990 Aug; 43(2):130–8
Isenberg SJ, Molarte A, Vazquez M. The fixed and dilated pupils of premature neonates. Am J Ophthalmol 1990 Aug 15;110(2):168–71
Isern R see **Young R**
Iserson KV. Physician ethics in human research: the role of medical publications [editorial] Ann Emerg Med 1990 Jul; 19(7):828–30
Isham-Schopf B see **Green TP**
Isherwood PJ, Ibrahim ZH, Lieberman BA. Gamete intrafallopian transfer in women with accessory tubal ostia. Br J Obstet Gynaecol 1990 Jun;97(6):542–8
Ishibashi K see **Kuwazuru Y**
Ishiguro Y, Kato K, Akatsuka H, Ito T. The diagnostic and prognostic value of pretreatment serum creatine kinase BB levels in patients with neuroblastoma. Cancer 1990 May 1;65(9):2014–9
Ishihara K see **Harada Y**
Ishihara M see **Aizawa T**
Ishihara T, Kawano H, Takahashi M, Yokota T, Uchino F, Matsumoto N, Fukuyama N. Carcinosarcoma of the gallbladder. A case report with immunohistochemical and ultrastructural studies. Cancer 1990 Sep 1;66(5):992–7
Ishii H see **Iwashima Y**
Ishikawa K see **Kobayashi T**
Ishikawa SE, Okada K, Saito T. Prompt inhibition of arginine vasopressin-induced cellular adenosine 3',5'-monophosphate production by extracellular sodium depletion in rat renal inner medullary collecting duct cells in culture. Endocrinology 1990 Aug;127(2):560–6
Ishikawa Y see **Iguchi M**
Ishikura F see **Yoshioka T**
Ishimoto K see **Niwa Y**
Ishizuka S, Sumitani K, Hiura K, Kawata T, Okawa M, Hakeda Y, Kumegawa M. Biological activity assessment of 1 alpha,25-dihydroxyvitamin D3-26,23-lactone and its intermediate metabolites in vivo and in vitro. Endocrinology 1990 Aug;127(2):695–701
Iskander H see **Yassa R**
Ismail TI. The dorsalis pedis myofascial flap. Plast Reconstr Surg 1990 Sep;86(3):573–6; discussion 577–8
Isono K see **Tada M**
Israel JM see **Lledo PM**
Issi M see **Torre D**
Itagaki Y, Yoshida K, Ikeda H, Kaise K, Kaise N, Yamamoto M, Sakurada T, Yoshinaga K. Thyroxine 5'-deiodinase in human anterior pituitary tumors. J Clin Endocrinol Metab 1990 Aug;71(2):340–4
Ito T see **Ishiguro Y**
Ito T see **Tarao K**
Ito Y see **Aizawa H**
Ito Y see **Fujita T**
Itoh H, Nakao K, Mukoyama M, Saito Y, Yamada T, Shirakami G, Arai H, Hosoda K, Suga S, Yoshida I, et al. Preparation of monoclonal antibodies against brain natriuretic peptide and their application to radioimmunoassay and passive immunization. Endocrinology 1990 Sep;127(3):1292–300
Itoh H see **Koike A**
Iványi B. Frequency of light chain deposition nephropathy relative to renal amyloidosis and Bence Jones cast nephropathy in a necropsy study of patients with myeloma. Arch Pathol Lab Med 1990 Sep;114(9):986–7
Ivanyi J see **Ivanyi L**
Ivanyi L, Ivanyi J. Elevated antibody levels to mycobacterial 65-kDa stress protein in patients with superficial candidiasis. J Infect Dis 1990 Aug;162(2):519–22
Ivashkiv E see **Pan HY**
Ives KN see **Moorthy B**
Iwahashi M see **Kuwazuru Y**
Iwase Y see **Tsugaya M**
Iwashima Y, Sato T, Watanabe K, Ooshima E, Hiraishi S, Ishii H, Kazama M, Makino I. Elevation of plasma thrombomodulin level in diabetic patients with early diabetic nephropathy. Diabetes 1990 Aug;39(8):983–8
Iwata H, Tagaya M, Matsumoto K, Miyadai T, Yokochi T, Kimura Y. Aerosol vaccination with a sendai virus temperature-sensitive mutant (HVJ-pB) derived from persistently infected cells. J Infect Dis 1990 Aug; 162(2):402–7
Iwata K see **Kanai K**
Iwata Y see **Lin BL**
Iwatsuki S, Todo S, Starzl TE. Excisional therapy for benign hepatic lesions. Surg Gynecol Obstet 1990 Sep;171(3):240–6
Izquierdo LA, Kushnir O, Knieriem K, Wernley JA, Curet LB. Effect of mitral valve prosthetic surgery on the outcome of a growth-retarded fetus. A case report. Am J Obstet Gynecol 1990 Aug;163(2):584–6
Izumi H, Ichihara J, Uchiumi Y, Shirakawa K. Gestational changes in mechanical properties of skinned muscle tissues of human myometrium. Am J Obstet Gynecol 1990 Aug; 163(2):638–47
Izzo J see **Tellez-Bernal E**

J

Jaakkola O, Nikkari T. Lipoprotein degradation and cholesterol esterification in primary cell cultures of rabbit atherosclerotic lesions. Am J Pathol 1990 Aug; 137(2):457–65
Jack BW, Culpepper L. Preconception care. Risk reduction and health promotion in preparation for pregnancy. JAMA 1990 Sep 5;264(9):1147–9
Jackler RK see **Tien R**
Jackman WM see **Kuck KH**
Jackson AA see **Ahmed F**
Jackson AD. Forty years ago. Coeliac disease. Arch Dis Child 1990 Jun;65(6):609
Jackson C see **Yudkin JS**
Jackson CW, Steward SA, Chenaille PJ, Ashmun RA, McDonald TP. An analysis of megakaryocytopoiesis in the C3H mouse: an animal model whose megakaryocytes have 32N as the modal DNA class. Blood 1990 Aug 15; 76(4):690–6
Jackson CW see **Chenaille PJ**
Jackson DP, Lewis FA, Taylor GR, Boylston AW, Quirke P. Tissue extraction of DNA and RNA and analysis by the polymerase chain reaction. J Clin Pathol 1990 Jun; 43(6):499–504
Jackson GG see **Daikos GL**
Jackson GG, Lolans VT, Daikos GL. The inductive role of ionic binding in the bactericidal and postexposure effects of aminoglycoside antibiotics with implications for dosing. J Infect Dis 1990 Aug;162(2):408–13
Jackson J see **Crist W**
Jackson J see **Pye G**
Jackson JA, Trowbridge A, Smigiel M. Fatal pulmonary thromboembolism after successful transsphenoidal hypophysectomy for Cushing's disease. South Med J 1990 Aug;83(8):960–2
Jackson JC, MacKenzie AP, Chi EY, Standaert TA, Truog WE, Hodson WA. Mechanisms for reduced total lung capacity at birth and during hyaline membrane disease in premature newborn monkeys. Am Rev Respir Dis 1990 Aug;142(2):413–9
Jackson JE, Wiederholt W, Katzman R. Teaching the multidisciplinary team approach in a geriatrics miniresidency. Acad Med 1990 Jun;65(6):417–9
Jackson JE see **Chilvers ER**
Jackson JM, Sadove AM, Weaver DD, Edwards MK, Bull MJ. Unilateral duplication of the cerebellar hemisphere and internal, middle, and external ear: a clinical case study. Plast Reconstr Surg 1990 Sep;86(3):550–3
Jackson L see **Sataloff RT**
Jackson RJ see **Goldman LR**
Jackson SK, Parton J, Shortland G, Stark JM, Thompson EN. Serum immunoglobulins to endotoxin core glycolipid: acute leukaemia and other cancers. Arch Dis Child 1990 Jul;65(7):771–3
Jackson SK, Parton J, Shortland G, Stark JM, Thompson EN. Serum immunoglobulins to endotoxin core glycolipid: establishment of normal concentrations. Arch Dis Child 1990 Jul;65(7):768–70
Jackson TF see **Ravdin JI**
Jacob HS see **Maruyama M**
Jacob P, Kahrilas PJ, Vanagunas A. Peristaltic dysfunction associated with nonobstructive dysphagia in reflux disease. Dig Dis Sci 1990 Aug;35(8):939–42
Jacob P 3d, Jones RT, Benowitz NL, Shulgin AT, Lewis ER, Elias-Baker BA. Cocaine smokers excrete a pyrolysis product, anhydroecgonine methyl ester. J Toxicol Clin Toxicol 1990;28(1):121–5
Jacob RG see **Perkins KA**
Jacobs A see **Seymour DG**
Jacobs DR see **Wagenknecht LE**
Jacobs JM see **Chalk CH**
Jacobs JR see **Reves JG**
Jacobs LE see **Kochar GS**
Jacobs MB, Gieron MA, Martinez CR, Campos A, Wood BP. Radiological case of the month. Basal ganglia injury after cardiopulmonary arrest: clinical and magnetic resonance imaging correlation. Am J Dis Child 1990 Aug; 144(8):937–8
Jacobs SC see **Pentland AP**
Jacobson DR see **Wilson CR**
Jacobson JE see **Kahn D**
Jacobson JJ see **Schuman JS**
Jacobson MS see **Peachey NS**
Jacobson S see **Magid D**
Jacobson SG see **Marmor MF**
Jacobsson B see **Brismar J**
Jacyna MR, Parkin J, Goldin R, Baron JH. Protracted enteric cryptosporidial infection in selective immunoglobulin A and saccharomyces opsonin deficiencies. Gut 1990 Jun;31(6):714–6
Jaeger RW see **Scalzo AJ**
Jaffe AS see **Goldstein JA**
Jaffe ES see **Pluda JM**
Jaffe ES see **van Krieken JH**
Jaffe GJ, Earnest K, Fulcher S, Lui GM, Houston LL. Antitransferrin receptor immunotoxin inhibits proliferating human retinal pigment epithelial cells. Arch Ophthalmol 1990 Aug;108(8):1163–8
Jaffe KA, Dunham WK. Treatment of benign lesions of the femoral head and neck. Clin Orthop 1990 Aug;(257):134–7
Jaffe N see **Epelman S**
Jaffe WM, Coverdale HA, Roche AH, Whitlock RM, Neutze JM, Barratt-Boyes BG. Rest and exercise hemodynamics of 20 to 23 mm allograft, Medtronic Intact (porcine), and St. Jude Medical valves in the aortic position. J Thorac Cardiovasc Surg 1990 Aug;100(2):167–74
Jagannath S see **Barlogie B**
Jagannath S see **Spinolo JA**
Jagger J, Hunt EH, Pearson RD. Recapping used needles: is it worse than the alternative? [letter] J Infect Dis 1990 Sep;162(3):784–5
Jagial SB see **Naylor CD**
Jagust WJ see **Valk PE**
Jahn C see **Koppensteiner R**
Jahnigen DW. Delirium in the elderly hospitalized patient. Hosp Pract [Off] 1990 Aug 15;25(8):135–9, 142, 152 passim
Jahns MS see **Wright KC**

Jain A see **Levinson DF**
Jakab GJ. Sequential virus infections, bacterial superinfections, and fibrogenesis. Am Rev Respir Dis 1990 Aug;142(2):374–9
Jakob M see **Heywood JT**
Jakobovits AA. Changes in the incidence of ectopic pregnancy in Hungary [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):265–6
Jaksic T, Wagner DA, Young VR. Plasma proline kinetics and concentrations in young men in response to dietary proline deprivation. Am J Clin Nutr 1990 Aug;52(2):307–12
James D, Berry PJ, Fleming P, Hathaway M. Surfactant abnormality and the sudden infant death syndrome—a primary or secondary phenomenon? Arch Dis Child 1990 Jul;65(7):774–8
James DE see **Bourey RE**
James DK see **Mills MS**
James DK see **Smoleniec JS**
James I see **Huggon I**
James JH. United Kingdom plastic surgery centers [letter] Plast Reconstr Surg 1990 Sep;86(3):611
James OF see **Mitchison HC**
James PB. Xenon for anaesthesia [letter] Lancet 1990 Aug 4;336(8710):324
James-Deidier A see **Sassolas G**
Jameson SC, Kaye J, Gascoigne NR. A T cell receptor V alpha region selectively expressed in CD4+ cells. J Immunol 1990 Sep 1;145(5):1324–31
Jamis-Dow CA see **La Rocca RV**
Jamison K see **Ellicott A**
Janerich DT, Thompson WD, Varela LR, Greenwald P, Chorost S, Tucci C, Zamas MB, Melamed MR, Kiely M, McKneally MF. Lung cancer and exposure to tobacco smoke in the household. N Engl J Med 1990 Sep 6; 323(10):632–6
Jang IK see **Yasuda T**
Janier M see **Grange F**
Jankowski JA see **Hinnie J**
Janosik DL, Redd RM, Kennedy HL. Crosstalk inhibition of a dual-chamber pacemaker diagnosed by ambulatory electrocardiography. Am Heart J 1990 Aug;120(2):435–8
Janse MJ see **Willems AR**
Jansen A see **Breumelhof R**
Jansen JB, Klinkenberg-Knol EC, Meuwissen SG, De Bruijne JW, Festen HP, Snel P, Lückers AE, Biemond I, Lamers CB. Effect of long-term treatment with omeprazole on serum gastrin and serum group A and C pepsinogens in patients with reflux esophagitis. Gastroenterology 1990 Sep;99(3):621–8
Jansen JB see **van Erpecum KJ**
Jansen TL, Tan AC, Smits P, de Boo T, Benraad TJ, Thien T. Hemodynamic effects of atrial natriuretic factor in young and elderly subjects. Clin Pharmacol Ther 1990 Aug; 48(2):179–88
Janssens JP, de Haller R. Spinal tuberculosis in a developed country. A review of 26 cases with special emphasis on abscesses and neurologic complications. Clin Orthop 1990 Aug;(257):67–75
Janz NK see **Becker MH**
Jaresko GS see **Boucher BA**
Jarett L see **Soler AP**
Jarjour W see **Mimura T**
Jaroma H see **Farin PU**
Jarosz LA. Intercultural communication in assessing dietary habits: Liberia as an example. J Am Diet Assoc 1990 Aug; 90(8):1094–8
Järvholm B see **Mattsby-Baltzer I**
Jarvis GJ see **Barrett JF**
Jaso RG see **Beck DE**
Jason J see **Horsburgh CR Jr**
Jass JR see **Agawa S**
Jass JR. Colonic mucus and colitis [letter] Gut 1990 Jun; 31(6):730
Jasty M, Schutzer S, Tepper J, Willett C, Stracher MA, Harris WH. Radiation-blocking shields to localize periarticular radiation precisely for prevention of heterotopic bone formation around uncemented total hip arthroplasties. Clin Orthop 1990 Aug;(257):138–45
Jasty M see **Maloney WJ**
Javitt JC see **Wilson RP**
Jaworski T see **Richards JS**
Jay G see **Gorelik E**
Jay M see **Onadim ZO**
Jay MS see **Rickert VI**
Jayo MJ, Weaver DS, Adams MR, Rankin SE. Effects on bone of surgical menopause and estrogen therapy with or without progesterone replacement in cynomolgus monkeys. Am J Obstet Gynecol 1990 Aug;163(2):614–8
Jean-Baptiste M see **Scalcini M**
Jeansson S see **Bergström T**
Jeanty P, Kepple D, Roussis P, Shah D. In utero detection of cardiac failure from an aneurysm of the vein of Galen. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):50–1
Jebara V see **Deloche A**
Jebara VA, Acker M, Acar C, Fabiani JN, Deloche A, Carpentier A. Inadequate flow of the internal mammary artery: another complication of sternal overretraction [letter] Ann Thorac Surg 1990 Aug;50(2):336–7
Jefferson LS see **Englund JA**
Jeffrey GP, Swanson NR, Yarred LJ, Reed WD. Bile duct antibodies crossreacting with blood group antigens in primary sclerosing cholangitis. Gut 1990 Jun;31(6):698–701
Jeffrey MJ see **Birch PJ**
Jeffries DJ see **Hanson PJ**
Jeffs RD see **Leonard MP**
Jegaden O, Bastien O, Girard C. Temporary left ventricular assistance with a Hemopump assist device during acute myocardial infarction [letter] J Thorac Cardiovasc Surg 1990 Aug;100(2):311–3
Jelicic M, Bonke B, Appelboom DK. Indirect memory for words presented during anaesthesia [letter] Lancet 1990 Jul 28;336(8709):249
Jellinek DC see **Blake KD**
Jencks SF see **Levy JM**
Jendrisak MD, Anderson CB. Vascular access in patients with arterial insufficiency. Construction of proximal bridge fistulae based on inflow from axillary branch arteries. Ann Surg 1990 Aug;212(2):187–93
Jeng SF, Schenkman M, Riley PO, Lin SJ. Reliability of a clinical kinematic assessment of the sit-to-stand movement. Phys Ther 1990 Aug;70(8):511–20
Jenike MA, Hyman S, Baer L, Holland A, Minichiello WE, Buttolph L, Summergrad P, Seymour R, Ricciardi J. A controlled trial of fluvoxamine in obsessive-compulsive disorder: implications for a serotonergic theory. Am J Psychiatry 1990 Sep;147(9):1209–15
Jenkins CL see **Yanagihara R**
Jenkins CN, McPhee SJ, Bird JA, Bonilla NT. Cancer risks and prevention practices among Vietnamese refugees. West J Med 1990 Jul;153(1):34–9
Jenkins MY see **Hathcock JN**
Jenkins S see **Figueroa JP**
Jennett B, Braakman R. Severe traumatic brain injury [letter] J Neurosurg 1990 Sep;73(3):479–80
Jennings G see **Pond-Smith D**
Jennings KP see **Cross SJ**
Jennings RB Jr see **Bullaboy CA**
Jensen K, Cold GE, Astrup J, Ohrström J. Indomethacin in severe head injury [letter] Lancet 1990 Jul 28;336(8709):246
Jenssen T, Nurjhan N, Consoli A, Gerich JE. Failure of substrate-induced gluconeogenesis to increase overall glucose appearance in normal humans. Demonstration of hepatic autoregulation without a change in plasma glucose concentration. J Clin Invest 1990 Aug;86(2):489–97
Jéquier E see **Fitting JW**
Jerasutus S, Suvanprakorn P, Kitchawengkul O. Twenty-nail dystrophy. A clinical manifestation of spongiotic inflammation of the nail matrix. Arch Dermatol 1990 Aug; 126(8):1068–70
Jeremy RW, Links JM, Becker LC. Progressive failure of coronary flow during reperfusion of myocardial infarction: documentation of the no reflow phenomenon with positron emission tomography. J Am Coll Cardiol 1990 Sep; 16(3):695–704
Jeroudi MO, Kleiman NS, Minor ST, Hess KR, Lewis JM, Winters WL Jr, Raizner AE. Percutaneous transluminal coronary angioplasty in octogenarians. Ann Intern Med 1990 Sep 15;113(6):423–8
Jervaeus J see **Alberts KA**
Jeschow M see **Saltuari L**
Jeter TS see **Van Sickels JE**
Jewell DP see **Fasoli R**
Jewell DP see **Mantzaris GJ**
Jewett DL, Fein G, Greenberg MH. A double-blind study of symptom provocation to determine food sensitivity [see comments] N Engl J Med 1990 Aug 16;323(7):429–33. Comment in: N Engl J Med 1990 16;323(7):476–8.
Jewett MA see **Abara E**
Jhung JW see **Carter EJ**
Jiang NS see **Young WF Jr**
Jiang XY, Trujillo JM, Liang JC. Chromosomal breakpoints within the first intron of the ABL gene are nonrandom in patients with chronic myelogenous leukemia. Blood 1990 Aug 1;76(3):597–601
Jimenez E see **del Nido PJ**
Jimenez F see **Medina A**
Jiménez P see **Torres A**
Jiménez W see **Oms L**
Jimenez-Lucho V, Foulds J. Heterogeneity of lipopolysaccharide phenotype among Salmonella typhi strains. J Infect Dis 1990 Sep;162(3):763–4
Jin L see **Lloyd RV**
Jin Y see **Yang LJ**
Jinkins JR see **Tullous MW**
Jinnah RH see **Clarke HJ**
Jiwa NM see **Diepersloot RJ**
Joachims HZ see **Nir D**
Jobe AH see **Tabor BL**
Jobe WE see **Parker SH**
Jobim G see **Salle JL**
Jocom J see **Sullivan KM**
Joehl RJ see **Talamonti MS**
Joelson JM see **Williams DO**
Johansson SR, Ekström L, Emanuelsson H. Buccal nitroglycerin decreases ischemic pain during coronary angioplasty: a double-blind, randomized, placebo-controlled study. Am Heart J 1990 Aug; 120(2):275–81
John R see **Wilson ME**
John RM, Hunter D, Swanton RH. Echocardiographic abnormalities in type IV mucopolysaccharidosis. Arch Dis Child 1990 Jul;65(7):746–9
John RM see **Slade AK**
John VA see **Lloyd P**
Johns DG see **Yarchoan R**
Johns DR. mtDNA deletions in Kearns-Sayre [letter] Neurology 1990 Aug;40(8):1322–3
Johns JP see **Schmidt DR**
Johnson A see **Tomkin GH**
Johnson AG see **Reed MW**
Johnson AM, Palomaki GE, Haddow JE. The effect of adjusting maternal serum alpha-fetoprotein levels for maternal weight in pregnancies with fetal open spina bifida. A United States collaborative study. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):9–11
Johnson AM, Teague WG, Flanagan TL, McGahren ED, Kron IL. Decreased vascular compliance after reimplantation of the left lower lobe in young pigs. Ann Thorac Surg 1990 Aug;50(2):277–80
Johnson AP see **Woodford N**
Johnson BH, Rypins EB. Single-lumen vs double-lumen catheters for total parenteral nutrition. A randomized, prospective trial. Arch Surg 1990 Aug;125(8):990–2
Johnson BH see **Weiskopf RB**
Johnson BJ see **Rogers JE**
Johnson C see **Stapleton A**
Johnson CA see **Dwyer KM**
Johnson CC see **Reddy DJ**
Johnson CD see **Binkovitz LA**
Johnson CD, Serpell JW. Wound infection after abdominal incision with scalpel or diathermy. Br J Surg 1990 Jun; 77(6):626–7
Johnson CD, Harris PA, Wastell C. Quantitative relation between gastric acid secretion and changes in urinary acid excretion. Gut 1990 Aug;31(8):862–6
Johnson CF. Inflicted injury versus accidental injury. Pediatr Clin North Am 1990 Aug;37(4):791–814 (87 ref.)
Johnson CL see **Fanelli-Kuczmarski MT**
Johnson DH see **Bullaboy CA**
Johnson DJ see **Williams HL**
Johnson EW. The privilege of pain (or, how does one spell r-e-l-i-e-f?) [editorial] Am J Phys Med Rehabil 1990 Aug; 69(4):179
Johnson EW see **Fitz WR**
Johnson IR, Stehling MK, Blamire AM, Coxon RJ, Howseman AM, Chapman B, Ordidge RJ, Mansfield P, Symonds EM, Worthington BS, et al. Study of internal structure of the human fetus in utero by echo-planar magnetic resonance imaging. Am J Obstet Gynecol 1990 Aug;163(2):601–7
Johnson J see **Meier FA**
Johnson JA, Schmaltz R, Landreneau RJ, Wright WP, Curtis JJ, Walls JT, Nawarawong W. Internal mammary artery graft to pulmonary vasculature fistula: a cause of recurrent angina. Ann Thorac Surg 1990 Aug;50(2):297–8
Johnson JT see **Arriaga MA**
Johnson JT see **Petruzzelli GJ**
Johnson KW, Smith KA. cAMP regulation of IL-2 receptor expression. Selective modulation of the p75 subunit. J Immunol 1990 Aug 15;145(4):1144–51
Johnson L see **Wirostko E**
Johnson LR see **Vollmer WM**
Johnson M see **Smith RA**
Johnson MH see **Braude P**
Johnson MJ see **Phelps JL**
Johnson ML see **Veldhuis JD**
Johnson MP see **Treadwell MC**
Johnson N, Johnson VA, Bannister J, Lilford RJ. The effect of caput succedaneum on oxygen saturation measurements. Br J Obstet Gynaecol 1990 Jun;97(6):493–8
Johnson P see **Murphy KW**
Johnson PA see **Stone MH**
Johnson PC, Hoy J, Mathewson JJ, Ericsson CD, DuPont HL. Occurrence of Norwalk virus infections among adults in Mexico. J Infect Dis 1990 Aug;162(2):389–93
Johnson R see **Halverson PB**
Johnson RA, Harper NJ, Chadwick S, Vohra A. Pain on injection of propofol. Methods of alleviation. Anaesthesia 1990 Jun;45(6):439–42
Johnson RA see **Ringhand TH**
Johnson RC see **Caperton EM**
Johnson RF see **Schenker S**
Johnson RG, Murphy JM. The role of desmopressin in reducing blood loss during lumbar fusions. Surg Gynecol Obstet 1990 Sep;171(3):223–6
Johnson RJ see **Russell SA**
Johnson RL see **Sparks PJ**
Johnson SE, Swaminathan B, Moore P, Broome CV, Parvin M. Borrelia burgdorferi: survival in experimentally infected human blood processed for transfusion. J Infect Dis 1990 Aug;162(2):557–9
Johnson TD see **Hawkins JL**
Johnson TE, Nasr AM, Nalbandian RM, Cappelen-Smith J. Enchondromatosis and hemangioma (Maffucci's syndrome) with orbital involvement. Am J Ophthalmol 1990 Aug 15; 110(2):153–9
Johnson VA see **Johnson N**
Johnson W see **Parker JC**
Johnson WL see **Kahn JK**
Johnsson J. CEOs: keep capital fold-in out of budget politics. Hospitals 1990 Aug 5;64(15):25
Johnsson J. CEOs: politics hurts long-term medical research. Hospitals 1990 Aug 20;64(16):22
Johnsson J. S&P: anatomy of four recent hospital bond defaults. Hospitals 1990 Aug 5;64(15):56, 58, 60
Johnston GD. Antihypertensive and adverse biochemical effects of bendrofluazide [letter] BMJ 1990 Jul 7;

301(6742):42–3
Johnston ID see **Taylor I**
Johnston P see **Bluhm R**
Johnston SC, Dustin ML, Hibbs ML, Springer TA. On the species specificity of the interaction of LFA-1 with intercellular adhesion molecules. J Immunol 1990 Aug 15; 145(4):1181–7
Johnstone PA, Foss RD, Desilets DJ. Malignant jugulotympanic paraganglioma. Arch Pathol Lab Med 1990 Sep;114(9):976–9
Johshita H, Kassell NF, Sasaki T, Ogawa H. Impaired capillary perfusion and brain edema following experimental subarachnoid hemorrhage: a morphometric study. J Neurosurg 1990 Sep;73(3):410–7
Jojima K see **Trindade JC**
Joliot Y see **Routy JP**
Jolliffe LK see **Cosimi AB**
(Jolly DW), Adams DB. Douglas Waddell Jolly as a pioneer in the surgical treatment of trauma. Surg Gynecol Obstet 1990 Sep;171(3):253–6
Jolly P, Krakower JY, Beran R, Williams D. US medical school finances. JAMA 1990 Aug 15;264(7):813–20
Jolly SR see **Mahmud R**
Jonas HA, Eckardt GS, Clark S. Expression of atypical and classical insulin receptors in Chinese hamster ovary cells transfected with cloned cDNA for the human insulin receptor. Endocrinology 1990 Sep;127(3):1301–9
Jonas HS, Etzel SI, Barzansky B. Undergraduate medical education. JAMA 1990 Aug 15;264(7):801–9
Jonas RA see **Friedman E**
Jonas RA. Invited letter concerning: tracheal operations in infancy [letter; comment] J Thorac Cardiovasc Surg 1990 Aug;100(2):316–7. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):181–7.
Jondal M see **McConkey DJ**
Jones A see **Figueredo A**
Jones A, Selby PJ, Viner C, Hobbs S, Gore ME, McElwain TJ. Tumour necrosis factor, cholestatic jaundice, and chronic liver disease. Gut 1990 Aug;31(8):938–9
Jones AS see **Viani L**
Jones BM see **Dziewulski P**
Jones CS see **Hidalgo DA**
Jones DB see **Hodges E**
Jones DB. Percutaneous exposure of medical students to HIV. JAMA 1990 Sep 5;264(9):1188, 1190
Jones DB see **Kretschmer C**
Jones DB see **Poster RB**
Jones EC, McNeal J, Bruchovsky N, de Jong G. DNA content in prostatic adenocarcinoma. A flow cytometry study of the predictive value of aneuploidy for tumor volume, percentage Gleason grade 4 and 5, and lymph node metastases. Cancer 1990 Aug 15;66(4):752–7
Jones GS, Amirault HJ, Andersen BR. Killing of Mycobacterium tuberculosis by neutrophils: a nonoxidative process. J Infect Dis 1990 Sep;162(3):700–4
Jones GW see **Coley S**
Jones J see **Donohue JP**
Jones J see **Harrison CB**
Jones J see **Thomas GB**
Jones JG, Sapsford DJ, Wheatley RG. Postoperative hypoxaemia: mechanisms and time course. Anaesthesia 1990 Jul;45(7):566–73 (37 ref.)
Jones JG see **Hudson I**
Jones JL, Wykoff RF, Hollis SL, Longshore ST, Gamble WB Jr, Gunn RA. Partner acceptance of health department notification of HIV exposure, South Carolina. JAMA 1990 Sep 12;264(10):1284–6
Jones JR, Paterson DC, Hillier TM, Foster BK. Remodelling after pinning for slipped capital femoral epiphysis. J Bone Joint Surg [Br] 1990 Jul;72(4):568–73
Jones JS, Stanley B, Mann JJ, Frances AJ, Guido JR, Traskman-Bendz L, Winchel R, Brown RP, Stanley M. CSF 5-HIAA and HVA concentrations in elderly depressed patients who attempted suicide. Am J Psychiatry 1990 Sep; 147(9):1225–7
Jones JS, Newman RB, Miller MC. Sonographic growth measurements in triplet pregnancies [letter] Obstet Gynecol 1990 Sep;76(3 Pt 1):477–8
Jones KP, Mullee MA. Measuring peak expiratory flow in general practice: comparison of mini Wright peak flow meter and turbine spirometer. BMJ 1990 Jun 23; 300(6740):1629–31
Jones KR, Pillsbury HC 3d. Cellulose fiber diet pills. A new cause of esophageal obstruction. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1091
Jones L see **Lawrence M**
Jones LD see **Davies CR**
Jones MW. A study of trauma in an Amish community. J Trauma 1990 Jul;30(7):899–902
Jones PM see **O'Halloran DJ**
Jones PP see **Zimmer T**
Jones R see **Belcher P**
Jones RE, Cohn LH. Prophylaxis for post-perfusion CABG bleeding [letter] Chest 1990 Aug;98(2):516–7
Jones RJ see **Sharkis SJ**
Jones RT see **Jacob P 3d**
Jones WR see **Mueller UW**
Jones-Williams W. On the differential diagnosis of chronic beryllium disease and sarcoidosis [letter] Am Rev Respir Dis 1990 Sep;142(3):739–40
Jongstra J see **Misener V**
Jongstra-Bilen J see **Misener V**
Jonk A, Kroon BB, Rümke P, Mooi WJ, Hart AA, van Dongen JA. Lymph node metastasis from melanoma with an unknown primary site. Br J Surg 1990 Jun;77(6):665–8
Jonsdottir I see **Bardardottir E**
Jonsson OG, Sartain P, Ducore JM, Buchanan GR. Bone pain as an initial symptom of childhood acute lymphoblastic leukemia: association with nearly normal hematologic indexes. J Pediatr 1990 Aug;117(2 Pt 1):233–7
Jonsson S see **Bardardottir E**
Jonville AP, Barbier P, Blond MH, Boscq M, Autret E, Breteau M. Accidental lidocaine overdosage in an infant. J Toxicol Clin Toxicol 1990;28(1):101–6
Jordan DA, Dickstein ML. Questioning the benefits of epidural anesthesia in hemorrhagic shock [letter] Anesthesiology 1990 Aug;73(2):360–1
Jordan JC see **Mahmud R**
Jordan R see **Gold HK**
Jordan T see **Malasky C**
Jordon SP see **Joseph DB**
Jørgensen HE see **Osterby R**
Jørgensen S. Occupational exposure to nitrous oxide in four hospitals—a comment [letter] Anaesthesia 1990 Jun; 45(6):490–1
Joseph AC see **Meaglia JP**
Joseph DB, Young DW, Jordon SP. Renal cortical scintigraphy and single proton emission computerized tomography (SPECT) in the assessment of renal defects in children. J Urol 1990 Aug;144(2 Pt 2):595–7; discussion 606
Joseph MP, Lessell S, Rizzo J, Momose KJ. Extracranial optic nerve decompression for traumatic optic neuropathy [see comments] Arch Ophthalmol 1990 Aug;108(8):1091–3 . Comment in: Arch Ophthalmol 1990 Aug;108(8):1086–7.
Joseph P see **Conte JE Jr**
Josephson J see **Munoz E**
Josephson KR see **Rubenstein LZ**
Joshi J see **Nihoyannopoulos P**
Jost S see **Gulba DC**
Joubert PH. Poisoning admissions of black South Africans. J Toxicol Clin Toxicol 1990;28(1):85–94
Jougasaki M see **Mukoyama M**
Jovančevic M see **Romic Stojkovic R**
Joven J, Villabona C, Vilella E, Masana L, Albertí R, Vallés M. Abnormalities of lipoprotein metabolism in patients with the nephrotic syndrome [see comments] N Engl J Med 1990 Aug 30;323(9):579–84. Comment in: N Engl J Med 1990 Aug 30;323(9):603–4.
Jowitt SN, Yin JA. Psoriasis and bone marrow transplantation [letter] BMJ 1990 May 26;300(6736):1398–9
Joy SA, Yurt RW. An all-payor prospective payment system (PPS) based on diagnosis-related-groups (DRG): financial impact on reimbursement for trauma care and approaches to minimizing loss. J Trauma 1990 Jul;30(7):866–73
Joyce TH 3d see **Hawkins JL**
Joyce W, Huddy S, Smith EE. Management of an infected graft in the ascending aorta by an omental pedicel graft and irrigation with povidone iodine. Br Heart J 1990 Jun; 63(6):370–1
Joynson DH see **Brooks R**
Jue K see **Chin TK**
Jue RA see **Phelps JL**
Juett D see **Mooney P**
Juhn SK see **Sakagami M**
Juji T see **Matsuki K**
Julian TB, Wolmark N. Stapled Baker type anastomosis for low anterior resections. Surg Gynecol Obstet 1990 Aug; 171(2):169–70
Juliusson G, Oscier DG, Fitchett M, Ross FM, Stockdill G, Mackie MJ, Parker AC, Castoldi GL, Guneo A, Knuutila S, et al. Prognostic subgroups in B-cell chronic lymphocytic leukemia defined by specific chromosomal abnormalities. N Engl J Med 1990 Sep 13;323(11):720–4
Julsrud PR, Danielson GK. A modification of the Fontan procedure incorporating anomalies of systemic and pulmonary venous return. J Thorac Cardiovasc Surg 1990 Aug;100(2):233–9
Jumao-as A, Brenner RP. Myoclonic status epilepticus: a clinical and electroencephalographic study. Neurology 1990 Aug;40(8):1199–202
Jump AA see **Hoffman WL**
Jumper BM, McLorie GA, Churchill BM, Khoury AE, Toi A. Effects of the artificial urinary sphincter on prostatic development and sexual function in pubertal boys with meningomyelocele. J Urol 1990 Aug;144(2 Pt 2):438–42; discussion 443–4
Jumper BM see **McLorie GA**
Junaid O see **Bhugra D**
Juneja SC, Dodson MG. In vitro effect of RU 486 on sperm-egg interaction in mice. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):216–21
Junejo S see **Desenclos JC**
Jung WH, Peters CA, Mandell J, Vawter GF, Retik AB. Flow cytometric evaluation of multicystic dysplastic kidneys. J Urol 1990 Aug;144(2 Pt 2):413–5; discussion 422
Jungas RL see **Segal S**
Juni JE see **Levine SP**
Junien JL, Gue M, Pascaud X, Fioramonti J, Bueno L. Selective stimulation of colonic motor response to a meal by sigma ligands in dogs. Gastroenterology 1990 Sep; 99(3):684–9
Junkins E see **Kelen GD**
Jurica K see **Roberts RB**
Just H see **Kasper W**

K

Kaack MB see **Roberts JA**
Kabalin JN, Rosen J, Perkash I. Penile advancement and lengthening in spinal cord injury patients with retracted phallus who have failed penile prosthesis placement alone. J Urol 1990 Aug;144(2 Pt 1):316–8
Kabeer M see **Victor S**
Kabir F see **Flower MA**
Kabo JM see **Kody MH**
Kadar N. Use of serial human chorionic gonadotropin measurements to differentiate between intrauterine and ectopic pregnancies [letter] Am J Obstet Gynecol 1990 Jul; 163(1 Pt 1):259–61
Kadar N. Serial beta-hCG measurements in the early detection of ectopic pregnancy [letter] Obstet Gynecol 1990 Sep;76(3 Pt 1):475–7
Kadish JL see **Czop JK**
Kadner SS see **Tamir S**
Kado H see **Yonenaga K**
Kadowaki MH see **Singh TM**
Kadoya M see **Terada T**
Kagey-Sobotka A see **Bascom R**
Kahl LE, Blair C, Ramsey-Goldman R, Steen VD. Pregnancy outcomes in women with primary Raynaud's phenomenon. Arthritis Rheum 1990 Aug;33(8):1249–55
Kahle WK, Anderson MB, Alpert J, Stevens PM, Coleman SS. The value of preliminary traction in the treatment of congenital dislocation of the hip. J Bone Joint Surg [Am] 1990 Aug;72(7):1043–7
Kahn A, Rebuffat E, Sottiaux M, Muller MF, Bochner A, Grosswasser J. Brief airway obstructions during sleep in infants with breath-holding spells [see comments] J Pediatr 1990 Aug;117(2 Pt 1):188–93. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):245–7.
Kahn D, Pontin AR, Jacobson JE, Matley P, Beningfield S, van Zyl-Smit R. Arteriovenous fistula in the presence of subclavian vein thrombosis: a serious complication. Br J Surg 1990 Jun;77(6):682
Kahn H see **Sanborn TA**
Kahn JK, Hartzler GO. Retrieval of vein graft suture fragments with directional coronary atherectomy: a note of caution. Am Heart J 1990 Sep;120(3):692–6
Kahn JK, Rutherford BD, McConahay DR, Johnson WL, Giorgi LV, Shimshak TM, Hartzler GO. High-dose contrast agent administration during complex coronary angioplasty. Am Heart J 1990 Sep;120(3):533–6
Kahn M see **Pecoraro JP**
Kahng KU see **O'Neill P**
Kahrilas PJ see **Jacob P**
Kaik G see **Bauer K**
Kaise K see **Itagaki Y**
Kaise N see **Itagaki Y**
Kaiser DL see **Fedson DS**
Kaiser LR, Urmacher C. Primary sarcoma of the superior pulmonary vein. Cancer 1990 Aug 15;66(4):789–95 (16 ref.)
Kajii N see **Tonoki H**
Kajinuma H see **Sato N**
Kajita T, Hugli TE. C5a-induced neutrophilia. A primary humoral mechanism for recruitment of neutrophils. Am J Pathol 1990 Aug;137(2):467–77
Kajiwara K see **Nishizaki T**
Kako M see **Kanai K**
Kaku DA, So YT. Acute femoral neuropathy and iliopsoas infarction in intravenous drug abusers. Neurology 1990 Aug;40(8):1317–8
Kalantri A see **Ramamurthy S**
Kalayoglu M, D'Alessandro AM, Sollinger HW, Hoffman RM, Pirsch JD, Belzer FO. Experience with reduced-size liver transplantation. Surg Gynecol Obstet 1990 Aug; 171(2):139–47
Kalbfleisch J see **Nowak TV**
Kalbfleisch SJ, McGillem MJ, Simon SB, DeBoe SF, Pinto IM, Mancini GB. Automated quantitation of indexes of coronary lesion complexity. Comparison between patients with stable and unstable angina. Circulation 1990 Aug; 82(2):439–47
Kalden JR see **Oez S**
Kalechman Y, Albeck M, Oron M, Sobelman D, Gurwith M, Seghal SN, Sredni B. Radioprotective effects of the immunomodulator AS101. J Immunol 1990 Sep 1; 145(5):1512–7
Kalender WA see **Vock P**
Kaler SG see **Sonies BC**
Kalff V see **Schwaiger M**
Kalimi M see **Regelson W**
Kalimo K see **Malanin G**
Kalina PH, Campbell RJ. Marrow embolus to posterior ciliary vessel. Arch Pathol Lab Med 1990 Sep; 114(9):979–80
Kalina PH, Garrity JA, Herman DC, DeRemee RA, Specks U. Role of testing for anticytoplasmic autoantibodies in the differential diagnosis of scleritis and orbital pseudotumor. Mayo Clin Proc 1990 Aug;65(8):1110–7
Kaliner MA see **Kowalski ML**
el-Kaliouby AH see **Omran SA**
Kalita C see **Khalfallah Y**
Källander CF see **Gronowitz JS**
Kallio A see **Aantaa R**
Kallio P, Michelsson JE, Lalla M, Holm T. C-reactive

protein in tibial fractures. Natural response to the injury and operative treatment. J Bone Joint Surg [Br] 1990 Jul; 72(4):615–7
Kalman PG see **Petrasek PF**
Kalogeras KT see **Margioris AN**
Kalra GS, Wander GS, Anand IS. Right sided endocarditis after balloon dilatation of the pulmonary valve. Br Heart J 1990 Jun;63(6):368–9
Kalra S, Owen SJ, Hepworth J, Woodcock A. Airborne house dust mite antigen after vacuum cleaning [letter] Lancet 1990 Aug 18;336(8712):449
Kalra SP see **Crowley WR**
Kamada T see **Kumagai K**
Kameda T see **Nishino E**
Kamei T, Callery MP, Flye MW. Pretransplant portal venous administration of donor antigen and portal venous allograft drainage synergistically prolong rat cardiac allograft survival. Surgery 1990 Aug;108(2):415–21; discussion 421–2
Kamel A see **Berchuck A**
Kamel H see **al-Hindawi M**
Kamerer DB see **Lunsford LD**
Kamerling JP see **van Alphen L**
Kamikura I see **Chida K**
Kamiryo T see **Nishizaki T**
Kamiura S see **Nobunaga T**
Kamiya N, Mizuno K, Kawai M, Kano T, Furuhashi Y, Tomoda Y. Simultaneous measurement of CA 125, CA 19–9, tissue polypeptide antigen, and immunosuppressive acidic protein to predict recurrence of ovarian cancer. Obstet Gynecol 1990 Sep;76(3 Pt 1):417–21
Kamm MA see **Milner P**
Kampine JP see **Pagel PS**
Kan J see **West DW**
Kan YW see **Conboy J**
Kanady K, Hartz R, Massad M, Melen O, Russell E, Feingold R. Spontaneous isolated innominate artery dissection. Neurology 1990 Aug;40(8):1315–7
Kanai K, Iwata K, Nakao K, Kako M, Okamoto H. Suppression of hepatitis C virus RNA by interferon-alpha [letter] Lancet 1990 Jul 28;336(8709):245
Kanakura Y, Druker B, Cannistra SA, Furukawa Y, Torimoto Y, Griffin JD. Signal transduction of the human granulocyte-macrophage colony-stimulating factor and interleukin-3 receptors involves tyrosine phosphorylation of a common set of cytoplasmic proteins. Blood 1990 Aug 15;76(4):706–15
Kanal E, Shellock FG, Talagala L. Safety considerations in MR imaging. Radiology 1990 Sep;176(3):593–606 (155 ref.)
Kanazawa K see **Takahashi H**
Kanazawa T see **Osanai T**
Kane MT, Estes CA, Colton DA, Eltoft CS. Role delineation for dietetic practitioners: empirical results [see comments] J Am Diet Assoc 1990 Aug;90(8):1124–33. Comment in: J Am Diet Assoc 1990 Aug;90(8):1122–3.
Kaneko M see **Koike H**
Kaneko S, Miller RH, Di Bisceglie AM, Feinstone SM, Hoofnagle JH, Purcell RH. Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Gastroenterology 1990 Sep; 99(3):799–804
Kaneko S, Miller RH, Di Bisceglie AM, Feinstone SM, Hoofnagle JH, Purcell RH. Detection of hepatitis B virus DNA in serum by polymerase chain reaction. Application for clinical diagnosis. Gastroenterology 1990 Sep; 99(3):793–8
Kanel G see **Akriviadis EA**
Kanel KT see **Arriaga MA**
Kanematsu T see **Matsumata T**
Kang JY, Wee A, Math MV, Guan R, Tay HH, Yap I, Sutherland IH. Helicobacter pylori and gastritis in patients with peptic ulcer and non-ulcer dyspepsia: ethnic differences in Singapore. Gut 1990 Aug;31(8):850–3
Kang JY. Age of onset of symptoms in duodenal and gastric ulcer. Gut 1990 Aug;31(8):854–7
Kang U see **Greene P**
Kanis JA, Passmore R. Calcium supplementation of the diet [letter] BMJ 1990 Jun 9;300(6738):1523
Kanitakis J see **Ramirez-Bosca A**
Kannel WB, D'Agostino RB, Wilson PW, Belanger AJ, Gagnon DR. Diabetes, fibrinogen, and risk of cardiovascular disease: the Framingham experience. Am Heart J 1990 Sep;120(3):672–6
Kannel WB. CHD risk factors: a Framingham study update. Hosp Pract [Off] 1990 Jul 15;25(7):119–27, 130
Kanno A see **Seki S**
Kanno H see **Takano R**
Kano T see **Kamiya N**
Kanoh T, Yago K. Double Bence Jones proteinuria. Arch Pathol Lab Med 1990 Sep;114(9):991–4
Kanoh T see **Niwa Y**
Kantarjian H see **Spinolo JA**
Kantarjian HM, Hirsch-Ginsberg C, Yee G, Huh Y, Freireich EJ, Stass S. Mixed-lineage leukemia revisited: acute lymphocytic leukemia with myeloperoxidase-positive blasts by electron microscopy. Blood 1990 Aug 15; 76(4):808–13
Kantha SS. Paramyosin as helminth vaccine candidate [letter] Lancet 1990 Aug 4;336(8710):320
Kanto J see **Aantaa R**
Kao MY see **Sarapura VD**
Kao PC see **Young WF Jr**
Kapembwa MS see **Batman PA**
Kaplan AP see **Kurtz AS**
Kaplan BS see **Burk CD**
Kaplan BS see **DiCarlo JV**
Kaplan C see **Giovangrandi Y**
Kaplan EL see **DeGroot LJ**
Kaplan GW see **Harrison CB**
Kaplan GW see **Scherz HC**
Kaplan J, Staats BA. Obstructive sleep apnea syndrome. Mayo Clin Proc 1990 Aug;65(8):1087–94 (47 ref.)
Kaplan MS see **Anderson JM**
Kaplan NM see **Tjoa HI**
Kaplan RF, Verfaellie M, DeWitt LD, Caplan LR. Effects of changes in stimulus contingency on visual extinction. Neurology 1990 Aug;40(8):1299–301
Kaplinsky E see **Di Segni E**
Kaplinsky E see **Leor J**
Kapp JA see **Whiteley PJ**
Kappas A see **Berglund L**
Kappenberger L see **Goy JJ**
Kapturczak E see **Garg LC**
Karacagil S, Almgren B, Bowald S, Eriksson I. A new method of angiographic runoff evaluation in femorodistal reconstructions. Significant correlation with early graft patency. Arch Surg 1990 Aug;125(8):1055–8
Karagiannis JA see **Mantzaris GJ**
Karalis DG, Chandrasekaran K, Victor MF, Mintz GS. Prolonged survival despite severe cyanosis in an adult with right ventricular hypoplasia and atrial septal defect. Am Heart J 1990 Sep;120(3):701–3
Karamat E see **Saltuari L**
Kardassakis DG. A piece of my mind. Paper patients. JAMA 1990 Sep 12;264(10):1340
Karelia NH see **Bhatavdekar JM**
Karemaker JM see **van Montfrans GA**
Karim AB, Kralendonk JH, Njo KH, Tabak JM, Gort G. A critical look at the TNM classification for laryngeal carcinoma. Cancer 1990 May 1;65(9):1918–22
Karis JH. Hidden costs of disposables: is color coding desirable? [letter] Anesth Analg 1990 Aug;71(2):203–4
Karjalainen JK. Islet cell antibodies as predictive markers for IDDM in children with high background incidence of disease. Diabetes 1990 Sep;39(9):1144–50
Karjalainen O see **Saari-Kemppainen A**
Karjalainen S, Pukkala E. Social class as a prognostic factor in breast cancer survival. Cancer 1990 Aug 15;66(4):819–26
Karl IE, Gavin JR 3d, Levy J. Effect of insulin on glucose utilization in epitrochlearis muscle of rats with streptozocin-induced NIDDM. Diabetes 1990 Sep; 39(9):1106–15
Karlsson BR, Forsman M, Roald OK, Heier MS, Steen PA. Effect of dexmedetomidine, a selective and potent alpha 2-agonist, on cerebral blood flow and oxygen consumption during halothane anesthesia in dogs. Anesth Analg 1990 Aug;71(2):125–9
Karmeli F see **Ligumsky M**
Karmeli R see **Nitecki S**
Karns K see **Weingarten S**
Karounos DG, Thomas JW. Recognition of common islet antigen by autoantibodies from NOD mice and humans with IDDM. Diabetes 1990 Sep;39(9):1085–90
Karp D see **Vohr BR**
Karp F see **Ring KS**
Karp RB see **Gunnar RM**
Karpel JP see **Multz AS**
Karpf M see **Kroboth FJ**
Karpink MH see **Olson R**
Karpman R see **Bunt TJ**
Karray S, Dautry-Varsat A, Tsudo M, Merle-Beral H, Debre P, Galanaud P. IL-4 inhibits the expression of high affinity IL-2 receptors on monoclonal human B cells. J Immunol 1990 Aug 15;145(4):1152–8
Kärrholm J see **Snorrason F**
Karsch FJ see **Moenter SM**
Karson EM see **Rosenberg SA**
Karube H see **Tarao K**
al Kasab SM, Sabag T, al Zaibag M, Awaad M, al Bitar I, Halim MA, Abdullah MA, Shahed M, Rajendran V, Sawyer W. Beta-adrenergic receptor blockade in the management of pregnant women with mitral stenosis. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):37–40
Kasahara K see **Standiford TJ**
Kasahara T see **Yamaguchi Y**
Kasarjian PH see **Feliciano N**
Kase E see **Michalski JM**
Kashio Y, Chomczynski P, Downs TR, Frohman LA. Growth hormone and prolactin secretion in cultured somatomammotroph cells. Endocrinology 1990 Sep; 127(3):1129–35
Kashiwagi A see **Nishio Y**
Kashtan CE see **Katz A**
Kashyap S, Schulze KF, Forsyth M, Dell RB, Ramakrishnan R, Heird WC. Growth, nutrient retention, and metabolic response of low-birth-weight infants fed supplemented and unsupplemented preterm human milk. Am J Clin Nutr 1990 Aug;52(2):254–62
Kasi LP see **Wright KC**
Kasid A see **Rosenberg SA**
Kasid A see **Salomon GD**
Kasiske BL see **Keane WF**
Kaski JC see **Pupita G**
Kasoff SS see **Lansen TA**
Kasper M see **Klimberg VS**
Kasper W, Hohnloser SH, Engler H, Meinertz T, Wilkens J, Roth E, Lang K, Limbourg P, Just H. Coronary reperfusion studies with pro-urokinase in acute myocardial infarction: evidence for synergism of low dose urokinase. J Am Coll Cardiol 1990 Sep;16(3):733–8
Kass BL see **Bauer KA**
Kass DA, Grayson R, Marino P. Pressure-volume analysis as a method for quantifying simultaneous drug (amrinone) effects on arterial load and contractile state in vivo. J Am Coll Cardiol 1990 Sep;16(3):726–32
Kass EJ see **Cohen RA**
Kass EJ, Bolong D. Single stage hypospadias reconstruction without fistula. J Urol 1990 Aug;144(2 Pt 2):520–2; discussion 530
Kassab JT see **Wilmott RW**
Kassell NF see **Johshita H**
Kasser J see **Waters P**
Kasser JR see **Shaw BA**
Kassirer JP, Kopelman RI. Lest we become smug. Hosp Pract [Off] 1990 Jul 15;25(7):33–5, 39, 47
Kassirer JP, Kopelman RI. What is a differential diagnosis? Hosp Pract [Off] 1990 Aug 15;25(8):19–24, 27–8
Kastner T, Friedman DL, Plummer AT, Ruiz MQ, Henning D. Valproic acid for the treatment of children with mental retardation and mood symptomatology. Pediatrics 1990 Sep;86(3):467–72
Katagiri M see **Kobata T**
Katan MB see **Mensink RP**
Katan MB see **van Dusseldorp M**
Kataoka K see **Iguchi M**
Kataoka Y, Todo S, Morioka Y, Sugie K, Nakamura Y, Yodoi J, Imashuku S. Impaired natural killer activity and expression of interleukin-2 receptor antigen in familial erythrophagocytic lymphohistiocytosis. Cancer 1990 May 1;65(9):1937–41
Katay I, Wirnitzer U, Burrichter H, von Kalle C, Scheil-Frederick E, Diehl V, Schaadt M. L428 cells derived from Hodgkin's disease produce E rosette-inhibiting factor. Blood 1990 Aug 15;76(4):791–6
Katayama K see **Nagakawa J**
Katayama Y see **Araki T**
Katayama Y see **Iguchi M**
Kater CE, Irony I, Biglieri EG, Faiçal S. Continuous adrenocorticotropin administration in hypopituitarism produces asynchronous increases of deoxycorticosterone and 11-deoxycortisol relative to other reduced zona fasciculata steroids. J Clin Endocrinol Metab 1990 Aug; 71(2):305–10
Kathol RG, Mutgi A, Williams J, Clamon G, Noyes R Jr. Diagnosis of major depression in cancer patients according to four sets of criteria. Am J Psychiatry 1990 Aug; 147(8):1021–4
Katlama C see **Caumes E**
Katlama C see **Deray G**
Kato H see **Akagi T**
Kato K see **Ishiguro Y**
Kato NS see **Timsit J**
Kato R see **Suzuki M**
Kato S, Nishimura J, Muta K, Yufu Y, Nawata H, Ideguchi H. Overexpression of P-glycoprotein in adult T-cell leukaemia [letter] Lancet 1990 Sep 1;336(8714):573
Katoh R, Sugai T, Ono S, Takayama K, Tomichi N, Kurihara H, Takamatsu M. Mucoepidermoid carcinoma of the thyroid gland. Cancer 1990 May 1;65(9):2020–7 (21 ref.)
Katoh Y see **Iguchi M**
Katon WJ see **Sparks PJ**
Katritsis D, Webb-Peploe MM. Cardiac phase-related variability of border detection or densitometric quantitation of postangioplasty lumens. Am Heart J 1990 Sep; 120(3):537–43
Katritsis D see **Wilmshurst PT**
Katsikas DM see **Dhabuwala CB**
Katz A, Kashtan CE, Greenberg LJ, Shapiro RS, Nevins TE, Kim Y. Hypogammaglobulinemia in uremic infants receiving peritoneal dialysis. J Pediatr 1990 Aug;117(2 Pt 1):258–61
Katz AM. Future perspectives in basic science understanding of congestive heart failure. Am J Cardiol 1990 Aug 15; 66(4):468–71 (29 ref.)
Katz AM. Interplay between inotropic and lusitropic effects of cyclic adenosine monophosphate on the myocardial cell. Circulation 1990 Aug;82(2 Suppl):I7–11 (33 ref.)
Katz D see **Pluda JM**
Katz HR see **Raizman MB**
Katz I, Zamel N, Slutsky AS, Rebuck AS, Hoffstein V. An evaluation of flow-volume curves as a screening test for obstructive sleep apnea. Chest 1990 Aug;98(2):337–40
Katz J see **Mizutani AR**
Katz J see **Tamir S**
Katz M see **Hendricks SK**
Katz PG, Greenstein A, Ratliff JE, Marks S, Guice J. Transurethral incision of the bladder neck and prostate. J Urol 1990 Sep;144(3):694–6
Katz PP see **Yelin EH**
Katz R see **Nel AE**
Katz RM see **Mahan C**
Katz SM see **Ponte P**
Katz VL see **Watson WJ**
Katzberg RW see **Sahler LG**
Katzeff HL, Yang MU, Presta E, Leibel RL, Hirsch J, Van Itallie TB. Calorie restriction and iopanoic acid effects on thyroid hormone metabolism. Am J Clin Nutr 1990 Aug;

52(2):263–6
Katzman D see **Bachrach LK**
Katzman R see **Jackson JE**
Kaufman E, Akiya F, Foucar E, Grambort F, Cartwright KC. Viralization due to Leydig cell tumor diagnosis by magnetic resonance imaging. Case management report. Clin Pediatr (Phila) 1990 Jul;29(7):414–7
Kaufman EE see **Hagan PF**
Kaufman HS, Chang P, Chang G. Astemizole-induced paresthesia [letter] N Engl J Med 1990 Sep 6;323(10):684
Kaufman KD see **Chazenbalk GD**
Kaufman LD, Seidman RJ, Gruber BL. L-tryptophan-associated eosinophilic perimyositis, neuritis, and fasciitis. A clinicopathologic and laboratory study of 25 patients. Medicine (Baltimore) 1990 Jul; 69(4):187–99
Kaufman N. Proctor and Gamble's model for repositioning. Hospitals 1990 Aug 20;64(16):64
Kaufman RH see **Van Sickle M**
Kaufman S see **Kornberg A**
Kaukel E, Koschel G, Gatzemeyer U, Salewski E. A phase II study of pirarubicin in malignant pleural mesothelioma. Cancer 1990 Aug 15;66(4):651–4
Kaulitz R, Stümper OF, Geuskens R, Sreeram N, Elzenga NJ, Chan CK, Burns JE, Godman MJ, Hess J, Sutherland GR. Comparative values of the precordial and transesophageal approaches in the echocardiographic evaluation of atrial baffle function after an atrial correction procedure. J Am Coll Cardiol 1990 Sep;16(3):686–94
Kauppila A see **Rönnberg L**
Kaura R see **Suginami H**
Kaushik A see **Shefner R**
Kavoussi L see **Clayman RV**
Kawabata H, Tada K, Masada K, Kawai H, Ono K. Revision of residual deformities after operations for duplication of the thumb. J Bone Joint Surg [Am] 1990 Aug;72(7):988–98
Kawada M see **Harada Y**
Kawai H, Adachi K, Kimura C, Nishiuchi T, Yamasaki Y, Tsutsui Y, Saito S. Secretion and clinical significance of atrial natriuretic peptide in patients with muscular dystrophy. Arch Neurol 1990 Aug;47(8):900–4
Kawai H see **Kawabata H**
Kawai M see **Cras P**
Kawai M see **Galloway PG**
Kawai M see **Kamiya N**
Kawakami K see **Nakagawara A**
Kawakami Y see **Akiyama Y**
Kawamoto HK see **Thaller SR**
Kawamura M see **Ashida T**
Kawana R see **Makino S**
Kawano H see **Ishihara T**
Kawano T see **Kurokawa S**
Kawano Y see **Ashida T**
Kawashima E see **Perrin LH**
Kawashima Y see **Nakahara K**
Kawata T see **Ishizuka S**
Kawo NG, Msengi AE, Swai AB, Chuwa LM, Alberti KG, McLarty DG. Specificity of hypoglycaemia for cerebral malaria in children. Lancet 1990 Aug 25;336(8713):454–7
Kay B see **Tacket CO**
Kay GL see **Krohn BG**
Kay JH see **Krohn BG**
Kay NJ see **Hussain A**
Kay R see **Trindade JC**
Kay SR, Fiszbein A, Vital-Herne M, Fuentes LS. The Positive and Negative Syndrome Scale—Spanish adaptation. J Nerv Ment Dis 1990 Aug;178(8):510–7
Kay TL see **Levy JM**
Kaye J see **Jameson SC**
Kaynard AH, Pau KY, Hess DL, Spies HG. Gonadotropin-releasing hormone and norepinephrine release from the rabbit mediobasal and anterior hypothalamus during the mating-induced luteinizing hormone surge. Endocrinology 1990 Sep;127(3):1176–85
Kaysen GA see **Davies RW**
Kazadi K, Garin B, Goussard B, Salaün JJ, de-Thé G. Non-spastic paraparesis associated with HTLV-I [letter] Lancet 1990 Jul 28;336(8709):260
Kazama M see **Iwashima Y**
Kazura JW see **Egwang TG**
Keagy BA see **Detterbeck FC**
Kealy WF, Annis PG, Barry JA, Hogan JM. Adenoacanthoma of the endometrium: morphological changes induced by human papillomavirus. J Clin Pathol 1990 Jul;43(7):554–9
Keane JF, Perry SB, Lock JE. Balloon dilation of congenital valvular aortic stenosis [editorial; comment] J Am Coll Cardiol 1990 Aug;16(2):457–8. Comment on: J Am Coll Cardiol 1990 Aug;16(2):451–6.
Keane JF see **Spevak PJ**
Keane SJ see **Dische FE**
Keane WF, Kasiske BL. Hyperlipidemia in the nephrotic syndrome [editorial: comment] N Engl J Med 1990 Aug 30;323(9):603–4. Comment on: N Engl J Med 1990 Aug 30;323(9):579–84.
Keates EU see **Laties AM**
Keating M see **Spinolo JA**
Keating MA, Duckett JW, Snyder HM, Wein AJ, Potter L, Levin RM. Ontogeny of bladder function in the rabbit. J Urol 1990 Sep;144(3):766–9
Keating TM see **O'Neill DB**
Keatings M see **Craigen G**
Keats AS. Anesthesia mortality in perspective. Anesth Analg 1990 Aug;71(2):113–9
Keats AS. The Closed Claims Study [comment] Anesthesiology 1990 Aug;73(2):199–201. Comment on: Anesthesiology 1990 Aug;73(2):202–7.
Kedar R see **Patel V**
Keedy DL see **Stoddard MF**
Keefe CW see **Hudson JW**
Keegan M see **Shapiro MJ**
Keeler RF see **Panter KE**
Keen CL see **Walter RM Jr**
Keeton BR see **Sreeram N**
Keighley MR see **Hosie KB**
Keighley MR see **Winslet MC**
Keihm J see **Temkin NR**
Keil LC see **Darlington DN**
Keil LC see **Hreash F**
Keim NL see **Newby MJ**
Keinänen KP see **Lakkakorpi JT**
Keir G see **Mavra M**
Keitner GI, Miller IW. Family functioning and major depression: an overview. Am J Psychiatry 1990 Sep; 147(9):1128–37 (82 ref.)
Kelcz F, Pozniak MA, Pirsch JD, Oberly TD. Pyramidal appearance and resistive index: insensitive and nonspecific sonographic indicators of renal transplant rejection [see comments] AJR Am J Roentgenol 1990 Sep;155(3):531–5 . Comment in: AJR Am J Roentgenol 1990 Sep;155(3):536–7.
Kelen GD, DiGiovanna TA, Lofy L, Junkins E, Stein A, Sivertson KT, Lairmore M, Quinn TC. Human T-lymphotropic virus (HTLV I-II) infection among patients in an inner-city emergency department. Ann Intern Med 1990 Sep 1;113(5):368–72
Kelleher J see **Goode HF**
Keller K see **Chadee K**
Keller S see **Cantor JO**
Kellerman AL see **Pierce JM**
Kelley JM. Extracorporeal shock wave lithotripsy of urinary calculi. Theory, efficacy, and adverse effects. West J Med 1990 Jul;153(1):65–9 (55 ref.)
Kellman HD see **Hyler SE**
Kellner CH, Ramsey D. Please, no more "ECT" [letter] Am J Psychiatry 1990 Aug;147(8):1092–3
Kellner U see **Marmor MF**
Kelly A, O'Connor M. Mitochondrial myopathy and anaesthesia [letter] Anaesthesia 1990 Jul;45(7):596
Kelly AB see **Gruber A**
Kelly AB see **Krpski WC**
Kelly AB see **Krupski WC**
Kelly B see **Walop W**
Kelly KM see **Nath A**
Kelly PH see **Ney AL**
Kelly PJ, Pocock NA, Sambrook PN, Eisman JA. Dietary calcium, sex hormones, and bone mineral density in men. BMJ 1990 May 26;300(6736):1361–4
Kelly PJ see **Cascino GD**
Kelly PJ see **Meadows TH**
Kelly PJ see **Mitchison HC**
Kelman GJ, Williams GW, Colwell CW Jr, Walker RH. Steroid-related osteonecrosis of the knee. Two case reports and a literature review. Clin Orthop 1990 Aug;(257):171–6 (17 ref.)
Kelsen D see **Kemeny N**
Kelzarkar P see **Bang AT**
Kemeny DM see **Lympany P**
Kemeny ME see **Fawzy FI**
Kemeny N, Childs B, Larchian W, Rosado K, Kelsen D. A phase II trial of recombinant tumor necrosis factor in patients with advanced colorectal carcinoma. Cancer 1990 Aug 15;66(4):659–63
Kemmann E, Ghazi DM, Corsan GH. Adnexal torsion in menotropin-induced pregnancies. Obstet Gynecol 1990 Sep;76(3 Pt 1):403–6
Kemmler J see **Saltuari L**
Kemper CA, Lombard CM, Deresinski SC, Tompkins LS. Visceral bacillary epithelioid angiomatosis: possible manifestations of disseminated cat scratch disease in the immunocompromised host: a report of two cases. Am J Med 1990 Aug;89(2):216–22
Kemppinen P see **Santavirta S**
Kendall SW see **Bryan AJ**
Kendler BS. AIDS, nutrition, and infection [letter] Ann Intern Med 1990 Sep 1;113(5):409–10
Kenkel J see **Sedlack JD**
Kennedy D see **Crowley WR**
Kennedy D see **Shah GV**
Kennedy HL see **Janosik DL**
Kennedy JD, Dinwiddie R, Daman-Willems C, Dillon MJ, Matthew DJ. Pseudo-Bartter's syndrome in cystic fibrosis. Arch Dis Child 1990 Jul;65(7):786–7
Kennedy JH, Tedgui A, Piwnica A. Vein graft permeability [letter] Ann Thorac Surg 1990 Aug;50(2):334
Kennedy JW. Is there a role for multivessel coronary angioplasty early after acute myocardial infarction? [editorial; comment] J Am Coll Cardiol 1990 Sep; 16(3):551–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):545–50.
Kennedy RC see **Shearer MH**
Kennedy S see **Chambers HF**
Kennedy S see **Glaser R**
Kennedy TP see **Rao NV**
Kenney IJ see **Davies H**
Kenney PJ. Imaging of chronic renal infections. AJR Am J Roentgenol 1990 Sep;155(3):485–94 (40 ref.)
Kenny D, Wetherbee J. Kearns-Sayre syndrome in the elderly: mitochondrial myopathy with advanced heart block. Am Heart J 1990 Aug;120(2):440–3
Kenny GN see **Aitken HA**
Kenny JB, Hughes PL, Whitehouse GH. Discovertebral destruction in ankylosing spondylitis: the role of computed tomography and magnetic resonance imaging. Br J Radiol 1990 Jun;63(750):448–55
Kenny TP see **Robbins DL**
Kenyon GS see **al-Khayat M**
Keogh AM see **Kramer MR**
Keogh EJ see **Tiong JT**
Kepple D see **Jeanty P**
Kerber RE see **Vandenberg BF**
Kerboull L see **Sedel L**
Kereiakes DJ see **O'Connor CM**
Kerlin P see **Steadman C**
Kern EB see **Olsen KD**
Kern FH see **Ungerleider RM**
Kern KB, Lancaster L, Goldman S, Ewy GA. The effect of coronary artery lesions on the relationship between coronary perfusion pressure and myocardial blood flow during cardiopulmonary resuscitation in pigs. Am Heart J 1990 Aug;120(2):324–33
Kern MJ see **Hilton TC**
Kern MJ see **Seacord LM**
Kern N see **Sanders MH**
Kern W, Lieb K, Kerner W, Born J, Fehm HL. Differential effects of human and pork insulin-induced hypoglycemia on neuronal functions in humans. Diabetes 1990 Sep; 39(9):1091–8
Kerner H see **Groisman G**
Kerner W see **Kern W**
Kernodle DS see **McMurray LW**
Kerr MA see **Parham DM**
Kerr TM, Lutter KS, Moeller DM, Hasselfeld KA, Roedersheimer LR, McKenna PJ, Winkler JL, Spirtoff K, Sampson MG, Cranley JJ. Upper extremity venous thrombosis diagnosed by duplex scanning. Am J Surg 1990 Aug;160(2):202–6
Kerrebijn KF see **De Baets FM**
Kerrebijn KF. Ketotifen for long-term control of asthma in children [letter] J Allergy Clin Immunol 1990 Aug; 86(2):274–5
Kersey JH see **Weisdorf DJ**
Kershaw M see **Sanacora G**
Kerslake RW see **Pigott TJ**
Kerstein M see **Garcia R**
Kerstein MD see **Hollier LH**
Kerstein MD see **Silverman HJ**
Kessel L. Sick sinus syndrome cured by ... vitamin D? Geriatrics 1990 Aug;45(8):83–5
Kessinger A see **Haire WD**
Kessler C see **Feliciano N**
Kestler E see **Villar J**
Ketkar M see **Patel V**
Kett RL see **Levine SP**
Kettelkamp DB, Herndon JN. Recertification in orthopedics. Clin Orthop 1990 Aug;(257):29–34
Kettlewell MG see **Fasoli R**
Kew J, Gross M, Chapman P. Shy-Drager syndrome presenting as isolated paralysis of vocal cord abductors. BMJ 1990 Jun 2;300(6737):1441
Keyes PL, Kostyo JL, Hales DB, Chou SY, Constantino CX, Payne AH. The biosynthesis of cholesterol side-chain cleavage cytochrome P-450 in the rabbit corpus luteum depends upon estrogen. Endocrinology 1990 Sep; 127(3):1186–93
Keyes WR see **Turnlund JR**
Khalfallah Y, Navailles B, Cohen R, Laville P, Kalita C, Cabrera P, Frangin G, Sassolas G. Dose-effect study of intranasal administration of growth hormone-releasing hormone-44-NH2 in healthy subjects. J Clin Endocrinol Metab 1990 Aug;71(2):512–5
Khalfallah Y, Claustrat B, Grochowicki M, Flocard F, Horlait S, Serusclat P, Sassolas G. Effects of a new prolactin inhibitor, CV 205-502, in the treatment of human macroprolactinomas. J Clin Endocrinol Metab 1990 Aug; 71(2):354–9
Khalil N, Battistuzzi SC, Kraut RP, Schwarz LC, Greenberg AH. Growth factor-initiated proliferation of mouse embryonic fibroblasts induces cytotoxicity by natural killer cells and by a non-cytolysin cytotoxin in natural killer granules. J Immunol 1990 Aug 15;145(4):1286–92
Khalil SN, Neuman J. Failure of an oxygen flow control valve [letter] Anesthesiology 1990 Aug;73(2):355–6
Khan AK. A controllable suctioning laryngoscope [letter] Anesth Analg 1990 Aug;71(2):200
Khan FM. Goldenhar's syndrome [letter] Anaesthesia 1990 Jul;45(7):592–3
Khan MR see **Clemens JD**
Khan MS see **Nakhla AM**
Khan TA see **Hans B**
Khan TJ, Reddy S, Pascual E, Foong A, Weiner BC. Large gastric folds. Hosp Pract [Off] 1990 Jul 15;25(7):111–4
Khandelwal S see **Sontag SJ**
Khandheria BK. Silent ischemia. Hosp Pract [Off] 1990 Aug 15;25(8):37, 40, 43 passim
Khankhanian NK see **Smitherman MH**

Khatib G see **Khatib R**
Khatib R, Reyes MP, Smith F, Khatib G, Rezkalla S. Enhancement of coxsackievirus B4 virulence by indomethacin. J Lab Clin Med 1990 Jul;116(1):116–20
al-Khayat M, Kenyon GS. Midline sublingual dermoid cyst. J Laryngol Otol 1990 Jul;104(7):578–80
Khin-Maung-U, Pereira SP, Bolin TD, Duncombe VM, Myo-Khin, Nyunt-Nyunt-Wai, Linklater JM. Malabsorption of carbohydrate from rice and child growth: a longitudinal study with the breath-hydrogen test in Burmese village children. Am J Clin Nutr 1990 Aug; 52(2):348–52
Khin-Maung-U, Bolin TD, Pereira SP, Duncombe VM, Nyunt-Nyunt-Wai, Myo-Khin, Linklater JM. Absorption of carbohydrate from rice in Burmese village children and adults. Am J Clin Nutr 1990 Aug;52(2):342–7
Kho HG, van Egmond J, Zhuang CF, Lin GF, Zhang GL. Acupuncture anaesthesia. Observations on its use for removal of thyroid adenomata and influence on recovery and morbidity in a Chinese hospital. Anaesthesia 1990 Jun; 45(6):480–5
Khoury A see **Sheldon CA**
Khoury AE, Hendrick EB, McLorie GA, Kulkarni A, Churchill BM. Occult spinal dysraphism: clinical and urodynamic outcome after division of the filum terminale. J Urol 1990 Aug;144(2 Pt 2):426–8; discussion 428–9, 443–4
Khoury AE see **Jumper BM**
Khoury AE see **McLorie GA**
Khoury AE see **Merguerian PA**
Khoury GF, Foster S, Raybould D, Nyerges A, Busuttil R. Anesthetic management of severely hypokalemic patients for liver transplantation. Anesthesiology 1990 Aug; 73(2):337–40
Khuong MA see **Grange F**
Khwaja HT see **Severn AM**
Kibbelaar RE see **Slebos RJ**
Kickler TS, Ness PM, Braine HG, Richardson L, Farkosh M. The expression of IgG allotypes on platelets and immunization to IgG allotypes in multitransfused thrombocytopenic patients. Blood 1990 Aug 15; 76(4):849–52
Kidd GS see **McDermott MT**
Kiecolt-Glaser JK see **Glaser R**
Kiegel P see **Routy JP**
Kiely M see **Janerich DT**
Kienast SG see **Steger RW**
Kiener PA see **Mittler RS**
Kier R, Taylor KJ, Feyock AL, Ramos IM. Renal masses: characterization with Doppler US. Radiology 1990 Sep; 176(3):703–7
Kier R, McCarthy SM, Scoutt LM, Viscarello RR, Schwartz PE. Pelvic masses in pregnancy: MR imaging. Radiology 1990 Sep;176(3):709–13
Kierulf P see **Flaten H**
Kiff ES see **Welch M**
Kifor O see **Brown EM**
Kikawada R see **Kurokawa S**
Kikel M see **Schreiber TL**
Kikuoka H see **Matsumoto E**
Kilham H see **Gillis J**
Kilian PL see **Wilmott RW**
Killeen RM, Barnes L, Watson CG, Marsh WL, Chase DW, Schuller DE. Poorly differentiated ('insular') thyroid carcinoma. Report of two cases and review of the literature. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1082–6 (16 ref.)
Kilpatrick ME see **Girgis NI**
Kim B, Warnaka P, Konrad C. Tamoxifen potentiates in vivo antitumor activity of interleukin-2. Surgery 1990 Aug; 108(2):139–44; discussion 144–5
Kim CW see **Im JG**
Kim D see **Lewis DL**
Kim DU see **Venkataseshan VS**
Kim KM see **Choi H**
Kim KS see **Choi H**
Kim MH see **Goldberg JM**
Kim R see **Conboy J**
Kim R see **Galloway PG**
Kim S, Scheerer S, Geyer MA, Howell SB. Direct cerebrospinal fluid delivery of an antiretroviral agent using multivesicular liposomes. J Infect Dis 1990 Sep; 162(3):750–2
Kim SG. Management of survivors of cardiac arrest: is electrophysiologic testing obsolete in the era of implantable defibrillators? [comment] J Am Coll Cardiol 1990 Sep; 16(3):756–62 (48 ref.). Comment on: J Am Coll Cardiol 1990 Sep;16(3):657–65.
Kim Y see **Katz A**
Kimball BP, Watson KR, Bui S, Frankel D. Preservation of left ventricular performance with reduced ischemic dysfunction by intravenous nisoldipine. Am J Cardiol 1990 Aug 15;66(4):400–5
Kimura C see **Kawai H**
Kimura G see **Ashida T**
Kimura M see **Makino S**
Kimura M see **Mortimer EA Jr**
Kimura S see **Furukawa T**
Kimura T see **Nobunaga T**
Kimura Y see **Iwata H**
Kinasewitz GT see **Hebert CA**
Kindblom LG see **Stenman G**
Kindler V see **Lebel B**
King A see **Brown J**
King B see **Muckart DJ**
King DM see **Page JE**
King DW see **Huh K**
King FJ see **Bishop NJ**
King G see **Sexton DJ**
King JE see **David M**
King M see **Nelson LH**
King MC see **Austin MA**
King RL see **Levine RA**
King TE Jr see **Buschman DL**
King TE Jr see **Goldstein RA**
King TT see **Baldwin DL**
Kingma JH see **Suttorp MJ**
Kingma JH see **Willems AR**
Kingsley LA see **Breinig MK**
Kingston GW see **Hassell PR**
Kinirons M see **Foley-Nolan D**
Kinkade JM Jr see **Pereira HA**
Kinlay S, Heller RF. Effectiveness and hazards of case finding for a high cholesterol concentration. BMJ 1990 Jun 16; 300(6739):1545–7
Kinney EL see **Grange F**
Kinney TR, Ware RE, Schultz WH, Filston HC. Long-term management of splenic sequestration in children with sickle cell disease. J Pediatr 1990 Aug;117(2 Pt 1):194–9
Kinnon C see **Pelham A**
Kinoti SN see **Latham MC**
Kinthaert J see **Glinoer D**
Kipke MD, Futterman D, Hein K. HIV infection and AIDS during adolescence. Med Clin North Am 1990 Sep; 74(5):1149–67 (70 ref.)
Kiran U see **Banerjee A**
Kirby ML, Waldo KL. Role of neural crest in congenital heart disease. Circulation 1990 Aug;82(2):332–40 (44 ref.)
Kirby RL see **Calder CJ**
Kirch DL see **Weissler AM**
Kircher BJ, Himelman RB, Schiller NB. Noninvasive estimation of right atrial pressure from the inspiratory collapse of the inferior vena cava. Am J Cardiol 1990 Aug 15;66(4):493–6
Kirchheimer JC, Binder BR, Remold HG. Matrix-bound plasminogen activator inhibitor type 1 inhibits the invasion of human monocytes into interstitial tissue. J Immunol 1990 Sep 1;145(5):1518–22
Kirchner H see **Hiddemann W**
Kirkbride P see **Whitaker SJ**
Kirkham BW see **Corkill MM**
Kirkham JS see **Savalgi RS**
Kirklin JW. Arterial switch operation [letter; comment] J Thorac Cardiovasc Surg 1990 Aug;100(2):314. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):261–9.
Kirkpatrick AE see **Aitken RJ**
Kirkpatrick B see **Carpenter WT Jr**
Kirkup B, Welch G. 'Normal but dead': perinatal mortality in non-malformed babies of birthweight 2.5 kg and over in the northern region in 1983. Br J Obstet Gynaecol 1990 May;97(5):381–92
Kirkup W. Perinatal audit: does confidential enquiry have a place? Br J Obstet Gynaecol 1990 May;97(5):371–3
Kirkwood BR see **Victora CG**
Kirnbauer R see **Krutmann J**
Kirsch DR see **Whelan WL**
Kirshon B see **Smith LG Jr**
Kiruluta G see **Guan ZC**
Kirwin JR. Treatment of polymyalgia rheumatica [letter] Br J Rheumatol 1990 Aug;29(4):316–7
Kishi F see **Akiyama Y**
Kishikawa T see **Abe M**
Kishon Y see **Kriwisky M**
Kiss R see **Verhest A**
Kissane J see **Cangir A**
Kissileff HR, Pi-Sunyer FX, Segal K, Meltzer S, Foelsch PA. Acute effects of exercise on food intake in obese and nonobese women. Am J Clin Nutr 1990 Aug;52(2):240–5
Kissin I, Brown PT, Bradley EL Jr. Sedative and hypnotic midazolam-morphine interactions in rats. Anesth Analg 1990 Aug;71(2):137–43
Kisslo JA see **Ungerleider RM**
Kisslo KB see **Davidson CJ**
Kissoon N see **Rosenberg H**
Kitabatake A see **Kumagai K**
Kitamura N see **Enomoto T**
Kitamura T see **Minamoto T**
Kitano A, Endo F, Matsuda I. Immunochemical analysis of pyruvate dehydrogenase complex in 2 boys with primary lactic acidemia. Neurology 1990 Aug;40(8):1312–4
Kitaoka H see **Cracchiolo A 3d**
Kitaoku S see **Miyaguchi M**
Kitchawengkul O see **Jerasutus S**
Kitchener H see **Cruickshank D**
Kitterman JA. Umbilical venous catheter vs umbilical artery catheter [letter] Pediatrics 1990 Sep;86(3):495
Kittner SJ, White LR, Losonczy KG, Wolf PA, Hebel JR. Black-white differences in stroke incidence in a national sample. The contribution of hypertension and diabetes mellitus. JAMA 1990 Sep 12;264(10):1267–70
Kivist N, Rompalo A, Bowden R, Galloway D, Holmes KK, Corey L, Roberts PL, Stamm WE. Anal human papillomavirus infection among human immunodeficiency virus-seropositive and -seronegative men. J Infect Dis 1990 Aug;162(2):358–61
Kivikoski AI, Martin CM, Smeltzer JS. Transabdominal and transvaginal ultrasonography in the diagnosis of ectopic pregnancy: a comparative study. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):123–8
Kiviniemi H see **Syrjälä H**
Kizelshteyn G, Crevecoeur E. Anatomic consideration of the fascia iliaca compartment block [letter] Anesth Analg 1990 Aug;71(2):210–2
Kjellgren O see **Mählck CG**
Kjørstad KE see **Vergote IB**
Kjos SL, Buchanan TA, Greenspoon JS, Montoro M, Bernstein GS, Mestman JH. Gestational diabetes mellitus: the prevalence of glucose intolerance and diabetes mellitus in the first two months post partum. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):93–8
Klainer AS see **Bisaccia E**
Klatt EC see **Zeien LB**
Klatt MM see **Licht JD**
Klaunzer S see **Haisjackl M**
Klausner RD see **Antusch D**
Kleanthous H, Smith HR, Scotland SM, Gross RJ, Rowe B, Taylor CM, Milford DV. Haemolytic uraemic syndromes in the British Isles, 1985–8: association with verocytotoxin producing Escherichia coli. Part 2: Microbiological aspects. Arch Dis Child 1990 Jul;65(7):722–7
Kleanthous H see **Milford DV**
Klee GG see **Rainwater LM**
Klees JE, Lash A, Bowler RM, Shore M, Becker CE. Neuropsychologic "impairment" in a cohort of hospital workers chronically exposed to ethylene oxide [see comments] J Toxicol Clin Toxicol 1990;28(1):21–8. Comment in: J Toxicol Clin Toxicol 1990;28(1):vii–xi.
Kleibeuker JH see **Welberg JW**
Kleijer M see **Huizinga TW**
Kleiman NS, Raizner AE, Roberts R. Percutaneous transluminal coronary angioplasty: is what we see what we get? [editorial; comment] J Am Coll Cardiol 1990 Sep; 16(3):576–7. Comment on: J Am Coll Cardiol 1990 Sep;16(3):569–75.
Kleiman NS see **Jeroudi MO**
Kleiman NS see **Rodriguez AR**
Kleiman NS see **Williams DO**
Klein AS, Sitzmann JV, Coleman J, Herlong FH, Cameron JL. Current management of the Budd-Chiari syndrome. Ann Surg 1990 Aug;212(2):144–9
Klein HO see **Di Segni E**
Klein JO see **Teele DW**
Klein JR see **Mosley RL**
Klein L see **Lindsay MK**
Klein M see **Rinfret A**
Klein M see **van Alphen L**
Klein MD see **Fogel RI**
Klein R. Looking after consumers in the new NHS. BMJ 1990 May 26;300(6736):1351–2
Klein RL see **Skipper RP**
Klein S. Elemental versus polymeric feeding in patients with Crohn's disease—is there really a winner? Gastroenterology 1990 Sep;99(3):893–4
Klein SR see **Chen JC**
Kleinebenne A see **Lemery R**
Kleinfeld AM see **Richieri GV**
Kleinman I see **Finn PR**
Kleinman PK, Spevak MR. Advanced pediatric joint imaging. Radiol Clin North Am 1990 Sep;28(5):1073–109 (71 ref.)
Klerman GL see **Barsky AJ**
Kliger CH see **Hollier LH**
Klim CM see **Martin LF**
Klima M, Burns TR, Chopra A. Myocardial fibrosis in the elderly. Arch Pathol Lab Med 1990 Sep;114(9):938–42
Klimberg VS, Salloum RM, Kasper M, Plumley DA, Dolson DJ, Hautamaki RD, Mendenhall WR, Bova FC, Bland KI, Copeland EM 3d, et al. Oral glutamine accelerates healing of the small intestine and improves outcome after whole abdominal radiation. Arch Surg 1990 Aug;125(8):1040–5
Klinkenberg-Knol EC see **Jansen JB**
Klitzman B see **Axelrod M**
Klitzner TS. Sudden cardiac death in children [comment] Circulation 1990 Aug;82(2):629–32 (42 ref.). Comment on: Circulation 1990 Aug;82(2):341–9.
Klockars M, Pettersson T, Vilja P, von Essen R. Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. Br J Rheumatol 1990 Aug;29(4):318–9
Klontz KC see **Desenclos JC**
Klose KJ, Schmidt DL, Needham BM, Brucker BS, Green BA, Ayyar DR. Rehabilitation therapy for patients with long-term spinal cord injuries. Arch Phys Med Rehabil 1990 Aug;71(9):659–62
Klostergaard J see **Roh MS**
Kluin PM see **van Krieken JH**
Klyde BJ see **Whitehead ED**
Kmiot WA see **Hosie KB**
Knapp ML, Feher MD, Carey H, Mayne PD. Comparison of an immunochemical assay for plasma fibrinogen and a turbidimetric thrombin clotting technique to discriminate hyperlipidaemic patients from healthy controls. J Clin Pathol 1990 Jun;43(6):508–10
Knechtel JM see **Bloom DA**
Knechtle SJ, Davidoff AM, Rice RP. Pneumatosis intestinalis. Surgical management and clinical outcome. Ann Surg 1990 Aug;212(2):160–5
Kneisl JS see **Barrack RL**
Knieriem K see **Izquierdo LA**

Kaiesel B see Bredtmann RD
Knight WB see Bush A
Knights B, Pandey SK. Paradoxical approach to the management of faecal incontinence in normal children. Arch Dis Child 1990 Jun;65(6):598–600; discussion 600–1
Knipschild P see Thijs C
Knisely AS. Parvovirus B19 infection in the fetus [letter] Lancet 1990 Aug 18;336(8712):443
Knobler E see Poh-Fitzpatrick MB
Knopf HJ see Haupt G
Knowles BB, McCarrick J, Fox N, Solter D, Damjanov I. Osteosarcomas in transgenic mice expressing an alpha-amylase-SV40 T-antigen hybrid gene. Am J Pathol 1990 Aug;137(2):259–62
Knox EG see MacArthur C
Knox GE see Harger JH
(Knox R), MacLaren IF. Edinburgh is synonymous with medical history [letter] Can Med Assoc J 1990 Aug 15; 143(4):256
Knuppel RA see Carlan SJ
Knutson L see Lavö B
Knuutila S see Juliusson G
Ko L see Blass JP
Ko YT see Lim JH
Kobata A see Takano R
Kobata T, Yagita H, Matsuda H, Seki M, Ota Y, Katagiri M, Okumura K. Expression and function of a 90-kilodalton homodimeric molecule (10D1 antigen) on human thymocytes. J Immunol 1990 Aug 15;145(4):1053–8
Kobayashi I see Aizawa T
Kobayashi S see Chowdhury MI
Kobayashi T, Askanas V, Saito K, Engel WK, Ishikawa K. Abnormalities of aneural and innervated cultured muscle fibers from patients with myotonic atrophy (dystrophy). Arch Neurol 1990 Aug;47(8):893–6
Kobayasi M see Watanabe T
Kobikova DH see Balmukhanov SB
Koblin B see McCusker J
Koch KL, Stern RM, Vasey M, Botti JJ, Creasy GW, Dwyer A. Gastric dysrhythmias and nausea of pregnancy. Dig Dis Sci 1990 Aug;35(8):961–8
Koch P see Hiddemann W
Koch RL. Estimation of radiation risk from screening mammography [letter] Radiology 1990 Sep;176(3):877
Kochar GS, Jacobs LE, Kotler MN. Right atrial compression in postoperative cardiac patients: detection by transesophageal echocardiography. J Am Coll Cardiol 1990 Aug;16(2):511–6
Köck A see Krutmann J
Kodama M see Iguchi M
Kodama M see Kuwazuru Y
Kodama M see Nishio Y
Kody MH, Kabo JM, Markolf KL, Dorey FJ, Amstutz HC. Strength of initial mechanical fixation of screw ring acetabular components. Clin Orthop 1990 Aug; (257):146–53
Koech DK see Lawyer PG
Koerholz D see Goldstein H
Koessig J see Mickisch GH
Koff SA. A technique for bladder neck reconstruction in exstrophy: the cinch. J Urol 1990 Aug;144(2 Pt 2):546–9; discussion 562–3
Kofinas AD see Hatjis CG
Kofler M see Saltuari L
Koga T see Takada H
Kogan BA see Chandhoke PS
Kogan BA. Pediatric Urology Medal. Dr. Jack Lapides: clinician, teacher, investigator and innovator. J Urol 1990 Aug;144(2 Pt 2):514–6
Kogan BA see Workman SJ
Kogan SJ see Gill B
Kogan SJ, Tennenbaum S, Gill B, Reda E, Levitt SB. Efficacy of orchiopexy by patient age 1 year for cryptorchidism. J Urol 1990 Aug;144(2 Pt 2):508–9; discussion 512–3
Kogawa T see Osanai T
Koh G, Seino Y, Usami M, Matsuo T, Ikeda H, Yamamoto T, Tsuda K, Taminato T, Imura H. Importance of imparied insulin-gene expression in occurrence of diabetes in obese rats. Diabetes 1990 Sep;39(9):1050–6
Koh J see Weiss JH
Koh ML see Waldron CA
Kohandarvish S see Raff H
Kohlman-Carrieri V see Breslin EH
Kohn LD see Bellur S
Kohno H see Nagasue N
Kohri K see Iguchi M
Kohrman CH see Andersen RM
Koike A, Itoh H, Doi M, Taniguchi K, Marumo F, Umehara I, Hiroe M. Beat-to-beat evaluation of cardiac function during recovery from upright bicycle exercise in patients with coronary artery disease. Am Heart J 1990 Aug; 120(2):316–23
Koike H, Chuganji Y, Watanabe H, Kaneko M, Noda S, Mori N. Conservative treatment of ovarian pregnancy by local prostaglandin F2 alpha injection [letter] Am J Obstet Gynecol 1990 Aug;163(2):696
Koiso K see Nemoto R
Koizumi Y see Aizawa T
Kojima S see Ashida T
Kojima Y, Tojo M, Goldmann DA, Tosteson TD, Pier GB. Antibody to the capsular polysaccharide/adhesin protects rabbits against catheter-related bacteremia due to coagulase-negative staphylococci. J Infect Dis 1990 Aug; 162(2):435–41
Kolars JC see Watkins PB
Kolb H, Shinzato M. Antibodies to thymic hormone and HLA-DQ in type I diabetes [letter] Lancet 1990 Sep 1; 336(8714):570–1
Kolker AC see Gatell JA
Koller W see Haisjackl M
Koller W, Vetere-Overfield B, Gray C, Alexander C, Chin T, Dolezal J, Hassanein R, Tanner C. Environmental risk factors in Parkinson's disease. Neurology 1990 Aug; 40(8):1218–21
Komaroff AL. 'Minor' illness symptoms. The magnitude of their burden and of our ignorance [editorial; comment] Arch Intern Med 1990 Aug;150(8):1586–7. Comment on: Arch Intern Med 1990 Aug;150(8):1685–9.
Kondo M, Tamaoki J, Takizawa T. Neutral endopeptidase inhibitor potentiates the tachykinin-induced increase in ciliary beat frequency in rabbit trachea. Am Rev Respir Dis 1990 Aug;142(2):403–6
Kondo N, Agata H, Fukutomi O, Motoyoshi F, Orii T. Lymphocyte responses to food antigens in patients with atopic dermatitis who are sensitive to foods. J Allergy Clin Immunol 1990 Aug;86(2):253–60
Kong BW see Croog SH
Kong BW see Saunders E
Konishi J see Enomoto T
Konishi J see Ohtani H
Konkle DF see Cohen A
Kono T see Nakanishi K
Konrad C see Kim B
Konta A see Osanai T
Konttinen YT see Santavirta S
Koo AS, Koyle MA, Hurwitz RS, Weese D, Applebaum H, Fonkalsrud EW, Ehrlich RM. The necessity of contralateral surgical exploration in Wilms tumor with modern noninvasive imaging technique: a reassessment. J Urol 1990 Aug;144(2 Pt 2):416–7; discussion 422
Kooistra A see Slebos RJ
Koolen MI see Tervaert JW
Koomen EM see Suttorp MJ
Koontz FP see Zlatnik FJ
Koopman C see Eisenthal S
Koopman WJ see Alarcón GS
Kooyman CD see Houwert-de Jong MH
Kopecky KJ see Radich JP
Kopecky KJ see Sullivan KM
Kopelman RI see Kassirer JP
Kopf G see Stahl RS
Kopin IJ. False adrenergic transmitters and positron emission tomographic imaging of myocardial sympathetic innervation [comment] Circulation 1990 Aug;82(2):646–8. Comment on: Circulation 1990 Aug;82(2):457–64.
Koppensteiner R, Stockenhuber F, Jahn C, Balcke P, Minar E, Ehringer H. Changes in determinants of blood rheology during treatment with haemodialysis and recombinant human erythropoietin. BMJ 1990 Jun 23;300(6740):1626–7
Korah I see Francis P
Koranyi L see Bourey RE
Korc A see Comstock J
Kordon C see Di Sciullo A
Kordower JH, Fiandaca MS, Notter MF, Hansen JT, Gash DM. NGF-like trophic support from peripheral nerve for grafted rhesus adrenal chromaffin cells. J Neurosurg 1990 Sep;73(3):418–28
Koren G see Stone J
Korenaga M see Wang CH
Koretsune Y, Marban E. Relative roles of Ca2(+)-dependent and Ca2(+)-independent mechanisms in hypoxic contractile dysfunction [see comments] Circulation 1990 Aug;82(2):528–35. Comment in: Circulation 1990 Aug;82(20:652–4.
Korman LY see Sidawy AN
Korn JE see Nichol KL
Korn WT, Schatzki SC, DiSciullo AJ, Scully RE. Papillary cystadenoma of the broad ligament in von Hippel-Lindau disease. Am J Obstet Gynecol 1990 Aug;163(2):596–8
Kornberg A, Catane R, Peller S, Kaufman S, Fridkin M. Tuftsin induces tissue factor-like activity in human mononuclear cells and in monocytic cell lines. Blood 1990 Aug 15;76(4):814–9
Kornbluth A, Gupta R, Gerson CD. Life-threatening diarrhea after short-term misoprostol use in a patient with Crohn ileocolitis. Ann Intern Med 1990 Sep 15;113(6):474–5
Körner J see Nöthen M
Kornfeld M see Raroque HG Jr
Kornhuber B see Kreuz W
Kornreich F, Montague TJ, van Herpen G, Rautaharju PM, Smets P, Dramaix M. Improved prediction of left ventricular mass by regression analysis of body surface potential maps. Am J Cardiol 1990 Aug 15;66(4):485–92
Koros JK see Taylor KA
Korson R see Mindell HJ
Korula P see Francis P
Koschel G see Kaukel E
Koscove EM. An applicant's evaluation of an emergency medicine internship and residency. Ann Emerg Med 1990 Jul;19(7):774–80
Kosiak CP see Tangalos EG
Koska MT. Need to share quality info spurs new network. Hospitals 1990 Aug 20;64(16):56, 58
Kosmorsky GS see Wilson WB
Kossaifi T, Dupon M, Le Bail B, Lacut Y, Balabaud C, Bioulac-Sage P. Perisinusoidal cell hypertrophy in a patient with acquired immunodeficiency syndrome. Arch Pathol Lab Med 1990 Aug;114(8):876–9
Kost GJ. The impact of whole-blood testing on response time. A challenge for the new College of American Pathologists Q-Probes program. Arch Pathol Lab Med 1990 Sep;114(9):921–2
Kost GJ, Shirey TL. New whole-blood testing for laboratory support of critical care at cardiac transplant centers and US hospitals. Arch Pathol Lab Med 1990 Aug;114(8):865–8
Kost K see Trussell J
Kostuik JP. Operative treatment of idiopathic scoliosis. J Bone Joint Surg [Am] 1990 Aug;72(7):1108–13 (35 ref.)
Kostuk WJ see Reid KR
Kostyo JL see Keyes PL
Kosugi S see Enomoto T
Kotb M, Majumdar G, Tomai M, Beachey EH. Accessory cell-independent stimulation of human T cells by streptococcal M protein superantigen. J Immunol 1990 Sep 1;145(5):1332–6
Kotler DP, Francisco A, Clayton F, Scholes JV, Orenstein JM. Small intestinal injury and parasitic diseases in AIDS. Ann Intern Med 1990 Sep 15;113(6):444–9
Kotler MN see Kochar GS
Kotur CF see Ewart MC
Kou M see Kumana CR
Koudstaal J see Welberg JW
Kourembanas S, Hannan RL, Faller DV. Oxygen tension regulates the expression of the platelet-derived growth factor-B chain gene in human endothelial cells. J Clin Invest 1990 Aug;86(2):670–4
Kourouklis KV see Michaelides AP
Kovacs K see Lloyd RV
Koval JC, Curley RM. Bronchoesophageal fistula in small cell lung cancer [letter] Chest 1990 Aug;98(2):512–3
Kowalczyk C see Zemel MB
Kowalski ML, Sliwinska-Kowalska M, Kaliner MA. Neurogenic inflammation, vascular permeability, and mast cells. II. Additional evidence indicating that mast cells are not involved in neurogenic inflammation. J Immunol 1990 Aug 15;145(4):1214–21
Kowsuwon W see Laupattarakasem W
Koyama S see Ebihara T
Koyanagi Y see Chowdhury MI
Koyle MA see Koo AS
Krachmer JH see Varley GA
Kraemer HC see Casey PH
Kraenzlin ME, Lau KH, Liang L, Freeman TK, Singer FR, Stepan J, Baylink DJ. Development of an immunoassay for human serum osteoclastic tartrate-resistant acid phosphatase. J Clin Endocrinol Metab 1990 Aug; 71(2):442–51
Kraft GH see Robinson LM
Kraft R see Studer UE
Krügeloh-Mann I see Grodd W
Kraiselburd EG see Marchette NJ
Krakower JY see Jolly P
Kralendonk JH see Karim AB
Kram HB see Gupta SK
Kramer CF, Barancik JI, Thode HC Jr. Improving the sensitivity and specificity of the abbreviated injury scale coding system. Public Health Rep 1990 Jul-Aug; 105(4):334–40
Kramer MR, Marshall SE, Denning DW, Keogh AM, Tucker RM, Galgiani JN, Lewiston NJ, Stevens DA, Theodore J. Cyclosporine and itraconazole interaction in heart and lung transplant recipients. Ann Intern Med 1990 Aug 15; 113(4):327–9
Kramer MR, Uttamchandani RB. The radiographic appearance of pulmonary nocardiosis associated with AIDS. Chest 1990 Aug;98(2):382–5
Kramer SA see Hill DE
Krane RJ see Blanco R
Kransdorf MJ see Brower AC
Krantz I, Bjure J, Claesson I, Eriksson B, Sixt R, Trollfors B. Respiratory sequelae and lung function after whooping cough in infancy. Arch Dis Child 1990 Jun;65(6):569–73
Krantz SB see Means RT Jr
Krantz SB see Pincus T
Krasinski K see Chandwani S
Krasinski K see Leibovitz E
Kraus DH see Eliachar I
Kraus JF see Salatka M
Kraus JF see Wintemute GJ
Krause AH see Salomon NW
Krauss RM see Austin MA
Krauss RM, Grunfeld C, Doerrler WT, Feingold KR. Tumor necrosis factor acutely increases plasma levels of very low density lipoproteins of normal size and composition. Endocrinology 1990 Sep;127(3):1016–21
Kraut RP see Khalil N
Krayenbühl HP see Heywood JT
Kreder KJ see Webster GD
Kreeger L see Unger R
Kreek MJ, Des Jarlais DC, Trepo CL, Novick DM, Abdul-Quader A, Raghunath J. Contrasting prevalence of delta hepatitis markers in parenteral drug abusers with and without AIDS. J Infect Dis 1990 Aug;162(2):538–41
Kreiner G see Bavaria JE
Kreipe RE, Forbes GB. Osteoporosis: a "new morbidity" for dieting female adolescents? Pediatrics 1990 Sep;

86(3):478–80
Krementz ET see **Faddis DM**
Kremer JA, Rolland R, van der Heijden PF, Schellekens LA, Vosmar MB, Lancranjan I. Lactation inhibition by a single injection of a new depot-bromocriptine. Br J Obstet Gynaecol 1990 Jun;97(6):527–32
Kremer S see **Lehman E**
Krempf M see **Miguéres M**
Krenzelok EP see **Humberston CL**
Kreofsky TJ, Russell JA, Rohrbach MS. Inhibition of alveolar macrophage spreading and phagocytosis by cotton bract tannin. A potential mechanism in the pathogenesis of byssinosis. Am J Pathol 1990 Aug;137(2):263–74
Krepel CJ see **Edmiston CE Jr**
Krepel Z see **Bruck R**
Kresina TF see **Spannaus-Martin DJ**
Kressel HY see **Gefter WB**
Kretchmer N see **Green JR**
Kretsch MJ see **Turnlund JR**
Kretschmar JM see **Marshall JB**
Kretschmer C, Jones DB, Morrison K, Schlüter C, Feist W, Ulmer AJ, Arnoldi J, Matthes J, Diamantstein T, Flad HD, et al. Tumor necrosis factor alpha and lymphotoxin production in Hodgkin's disease. Am J Pathol 1990 Aug; 137(2):341–51
Kreutner W see **Gulbenkian AR**
Kreuz W, Güngör T, Lotz C, Funk M, Kornhuber B. "Treating through" hypersensitivity to cotrimoxazole in children with HIV infection [letter] Lancet 1990 Aug 25;336(8713):508–9
Krichenko A see **Ferreira MJ**
Kriebel R see **Holtmann G**
Krief O see **Sigal R**
Krieger BP, Ershowsky P, Spivack D. One year's experience with a noninvasively monitored intermediate care unit for pulmonary patients. JAMA 1990 Sep 5;264(9):1143–6
Krinke UB see **Dieleman L**
Krishnan KR see **Lurie SN**
Krishnan UR see **Eisenbud DE**
Krishnaswamy S see **Mann KG**
Kristiansen K see **Fodstad H**
Kriwisky M, Perry GY, Tarchitsky D, Gutman Y, Kishon Y. Haloperidol-induced torsades de pointes. Chest 1990 Aug;98(2):482–4
Kroboth FJ, Whitman AR, Karpf M, Levey GS. Amount and distribution of interns' working hours. Acad Med 1990 Aug;65(8):542
Kroenke K, Arrington ME, Mangelsdorff AD. The prevalence of symptoms in medical outpatients and the adequacy of therapy [see comments] Arch Intern Med 1990 Aug; 150(8):1685–9. Comment in: Arch Intern Med 1990 Aug;150(8):1586–7.
Kroes AC see **Diepersloot RJ**
Kroger K see **Herr RD**
Krohn BG, Kay JH, Mendez MA, Zubiate P, Kay GL. Rapid sustained recovery after cardiac operations. J Thorac Cardiovasc Surg 1990 Aug;100(2):194–7
Krohn MA see **Hillier S**
Krol RB see **Tullo NG**
Kroll DA, Caplan RA, Posner K, Ward RJ, Cheney FW. Nerve injury associated with anesthesia [see comments] Anesthesiology 1990 Aug;73(2):202–7. Comment in: Anesthesiology 1990 Aug;73(2):199–201.
Kroll MH see **Bennett JE**
Kromann-Andersen B see **Nielsen KK**
Kron IL see **Johnson AM**
Kron J see **Silka MJ**
Kronberg M, Németh G, Broström LA. Muscle activity and coordination in the normal shoulder. An electromyographic study. Clin Orthop 1990 Aug; (257):76–85
Kronzon I see **Aronow WS**
Kronzon I see **Tunick PA**
Krook JE see **Martin JK Jr**
Krook JE see **Windschitl HE**
Kroon BB see **Jonk A**
Kroovand RL, Bell W, Hart LJ, Benfield KY. The effect of back closure on detrusor function in neonates with myelomeningocele. J Urol 1990 Aug;144(2 Pt 2):423–5; discussion 443–4
Kropp GL see **Embury SH**
Kropp KA see **Nill TG**
Krpski WC, Bass A, Kelly AB, Marzec UM, Hanson SR, Harker LA. Heparin-resistant thrombus formation by endovascular stents in baboons. Interruption by a synthetic antithrombin. Circulation 1990 Aug;82(2):570–7
Krueger BR. Restless legs syndrome and periodic movements of sleep. Mayo Clin Proc 1990 Jul;65(7):999–1006 (81 ref.)
Krueger JG see **Gottlieb AB**
Krugman RD. Future role of the pediatrician in child abuse and neglect. Pediatr Clin North Am 1990 Aug; 37(4):1003–11 (33 ref.)
Krukemyer JJ, Boudoulas H, Binkley PF, Lima JJ. Comparison of hypersensitivity to adrenergic stimulation after abrupt withdrawal of propranolol and nadolol: influence of half-life differences. Am Heart J 1990 Sep; 120(3):572–9
Krukowski ZH see **Irwin ST**
Krul AM see **Mattie H**
Krumbach BJ see **Weissler AM**
Krumholz HM, Cummings S, York M. Blood culture phlebotomy: switching needles does not prevent contamination. Ann Intern Med 1990 Aug 15;113(4):290–2
Krummen LA, Morelos BS, Bhasin S. The role of luteinizing hormone in regulation of testicular inhibin alpha and beta-B subunit messenger RNAs in immature and adult animals. Endocrinology 1990 Sep;127(3):1097–104
Krunic A see **Mavra M**
Krupski WC, Bass A, Anderson JS, Kelly AB, Harker LA. Aspirin-independent antithrombotic effects of acutely attached cultured endothelial cells on endarterectomized arteries. Surgery 1990 Aug;108(2):283–90; discussion 290–1
Kruse-Andersen S, Wallin L, Madsen T. Reflux patterns and related oesophageal motor activity in gastro-oesophageal reflux disease. Gut 1990 Jun;31(6):633–8
Krusemo U see **Enblad G**
Krusemo U see **Enblad P**
Krutmann J, Kirnbauer R, Köck A, Schwarz T, Schöpf E, May LT, Sehgal PB, Luger TA. Cross-linking Fc receptors on monocytes triggers IL-6 production. Role in anti-CD3-induced T cell activation. J Immunol 1990 Sep 1;145(5):1337–42
Krystal G see **Wognum AW**
Krzymowski GA see **Cartun RW**
Kuban KC see **Van Marter LJ**
Kubicek MA see **Hawkins JL**
Kubo RT see **Kuchroo VK**
Kubota I see **Ozawa T**
Kuboyama K see **Tisherman SA**
Kuchroo VK, Billings PR, Levine C, Martin CA, Kubo RT, Dorf ME. Antigen-specific and antibody-mediated growth inhibition of suppressor T cell hybridomas. Roles of H-2 and the CD3-T cell receptor-alpha/beta complex. J Immunol 1990 Aug 15;145(4):1059–65
Kuck KH, Friday KJ, Kunze KP, Schlüter M, Lazzara R, Jackman WM. Sites of conduction block in accessory atrioventricular pathways. Basis for concealed accessory pathways. Circulation 1990 Aug;82(2):407–17
Kuda T see **Hara N**
Kudenchuk PJ see **Poole JE**
Kudesia G see **Martin AL**
Kudsk KA see **Behrman SW**
Kudsk KA see **Fabian TC**
Kufe DW see **Hayes DF**
Kugler JW see **Windschitl HE**
Kuharik MA see **Roos KL**
Kuhl DA see **Boucher BA**
Kuhn DC, Crawford MA, Stuart MJ, Botti JJ, Demers LM. Alterations in transfer and lipid distribution of arachidonic acid in placentas of diabetic pregnancies. Diabetes 1990 Aug;39(8):914–8
Kulick DL, Rahimtoola SH. Vasodilators have not been shown to be of value in all patients with chronic congestive heart failure due to left ventricular systolic dysfunction. Am J Cardiol 1990 Aug 15;66(4):435–8 (33 ref.)
Kulig K see **Brent J**
Kulkarni A see **Khoury AE**
Kuller LH see **Orchard TJ**
Kumabashiri I see **Fujimura M**
Kumada K, Ozawa K, Shimahara Y, Morikawa S, Okamoto R, Moriyasu F. Truncoumbilical bypass of the portal vein in radical resection of biliary tract tumour involving the hepatic duct confluence. Br J Surg 1990 Jul;77(7):749–51
Kumagai K, Fukunami M, Ohmori M, Kitabatake A, Kamada T, Hoki N. Increased intracardiovascular clotting in patients with chronic atrial fibrillation. J Am Coll Cardiol 1990 Aug;16(2):377–80
Kumagai K, Yamanouchi Y, Tashiro N, Hiroki T, Arakawa K. Low energy synchronous transcatheter cardioversion of atrial flutter/fibrillation in the dog. J Am Coll Cardiol 1990 Aug;16(2):497–501
Kumagai K see **Seki S**
Kumana CR, Chan MM, Wong KL, Wong RW, Kou M, Lauder IJ. Lack of association between slow acetylator status and spontaneous lupus erythematosus. Clin Pharmacol Ther 1990 Aug;48(2):208–13
Kumar P see **Caffrey C**
Kumar R, Metter EJ, Mehta AJ, Chew T. Shoulder pain in hemiplegia. The role of exercise. Am J Phys Med Rehabil 1990 Aug;69(4):205–8
Kume K see **Nakagawara A**
Kumegawa M see **Ishizuka S**
Kumini K see **Amano T**
Kun LE see **Pui CH**
Kunde D see **Orbo A**
Kunecz D see **Tullo NG**
Kung AW, Lau KS. Interleukin-1 beta modulates thyrotropin-induced thyroglobulin mRNA transcription through 3',5'-cyclic adenosine monophosphate. Endocrinology 1990 Sep;127(3):1369–74
Kung T see **Gulbenkian AR**
Kunieda T see **Yoshioka T**
Kunigk A see **Kushner RF**
Kunkel SL see **Spengler RN**
Kunkel SL see **Standiford TJ**
Kuno-Sakai H see **Mortimer EA Jr**
Kunpittaya S see **Moss RM**
Kunze KP see **Kuck KH**
Kuo CC, Grayston JT. A sensitive cell line, HL cells, for isolation and propagation of Chlamydia pneumoniae strain TWAR. J Infect Dis 1990 Sep;162(3):755–8
Kupersmith J see **Stoddard MF**
Kurachek SC see **Wheeler WB**
Kuratsu J, Ushio Y. Antiproliferative effect of trapidil, a platelet-derived growth factor antagonist, on a glioma cell line in vitro. J Neurosurg 1990 Sep;73(3):436–40
Kurihara H see **Katoh R**
Kurita T see **Iguchi M**
Kurnik BR, Weisberg LS, Cuttler IM, Kurnik PB. Effects of atrial natriuretic peptide versus mannitol on renal blood flow during radiocontrast infusion in chronic renal failure. J Lab Clin Med 1990 Jul;116(1):27–36
Kurnik PB see **Kurnik BR**
Kurokawa S, Takahashi M, Sugiyama T, Okuri H, Kawano T, Tsukahara N, Abe W, Muramatsu J, Kikawada R, Nakazawa K, et al. Noninvasive evaluation of the magnitude of aortic and mitral regurgitation by means of Doppler two-dimensional echocardiography. Am Heart J 1990 Sep;120(3):638–48
Kurosawa H see **Harada Y**
Kurosawa H see **Yamaguchi M**
Kursunoglu-Brahme S, Resnick D. Magnetic resonance imaging of the shoulder. Radiol Clin North Am 1990 Sep; 28(5):941–54 (14 ref.)
Kursunoglu-Brahme S, Riccio T, Weisman MH, Resnick D, Zvaifler N, Sanders ME, Fix C. Rheumatoid knee: role of gadopentetate-enhanced MR imaging. Radiology 1990 Sep; 176(3):831–5
Kurtz AB see **Balen AH**
Kurtz AS, Kaplan AP. Regional expression of cold urticaria. J Allergy Clin Immunol 1990 Aug;86(2):272–3
Kurtz NM see **Cutler NR**
Kurtz RC see **Robinson AE**
Kurtzberg J see **Arredondo-Vega FX**
Kurz KM see **Latham MC**
Kurzel RB. Can acetaminophen excess result in maternal and fetal toxicity? South Med J 1990 Aug;83(8):953–5
Kusano S see **Furui S**
Kushner BH, Cheung NK. Cyclophosphamide versus ifosfamide in paediatric oncology [letter] Lancet 1990 Jul 28;336(8709):253–4
Kushner H see **Alterman AI**
Kushner M see **Angeloni U**
Kushner RF, Kunigk A, Alspaugh M, Andronis PT, Leitch CA, Schoeller DA. Validation of bioelectrical-impedance analysis as a measurement of change in body composition in obesity. Am J Clin Nutr 1990 Aug;52(2):219–23
Kushner RF, Thorp FK, Edwards J, Weinsier RL, Brooks CM. Implementing nutrition into the medical curriculum: a user's guide. Am J Clin Nutr 1990 Aug;52(2):401–3
Kushnir O see **Izquierdo LA**
Kuvin JT. The prevention of hepatitis B in medical students [letter] JAMA 1990 Sep 5;264(9):1104–5
Kuwano A see **Nakagawara A**
Kuwazuru Y, Yoshimura A, Hanada S, Utsunomiya A, Makino T, Ishibashi K, Kodama M, Iwahashi M, Arima T, Akiyama S. Expression of the multidrug transporter, P-glycoprotein, in acute leukemia cells and correlation to clinical drug resistance. Cancer 1990 Sep 1;66(5):868–73
Kuyl JM see **Richards GA**
Kvols LK see **Patel SR**
Kwiatkowski B see **Gorelik E**
Kwon-Chung KJ see **Whelan WL**
Kwong KS. The biomechanical role of the collar of the femoral component of a hip replacement. J Bone Joint Surg [Br] 1990 Jul;72(4):664–5
Ky N see **Rao NV**
Kyger ER 3d. Internal mammary artery marker [letter] Ann Thorac Surg 1990 Aug;50(2):333–4
Kyle RA see **Shampo MA**
Kyogoku M see **Takano R**
Kytta J see **Badgwell JM**

L

La Rocca RV, Stein CA, Danesi R, Jamis-Dow CA, Weiss GH, Myers CE. Suramin in adrenal cancer: modulation of steroid hormone production, cytotoxicity in vitro, and clinical antitumor effect. J Clin Endocrinol Metab 1990 Aug;71(2):497–504
La Vecchia L see **Bedogni F**
Laakso M, Edelman SV, Olefsky JM, Brechtel G, Wallace P, Baron AD. Kinetics of in vivo muscle insulin-mediated glucose uptake in human obesity. Diabetes 1990 Aug; 39(8):965–74
Laakso M see **Edelman SV**
Laarman G, Luijten HE, van Zeyl LG, Beatt KJ, Tijssen JG, Serruys PW, de Feyter J. Assessment of "silent" restenosis and long-term follow-up after successful angioplasty in single vessel coronary artery disease: the value of quantitative exercise electrocardiography and quantitative coronary angiography. J Am Coll Cardiol 1990 Sep; 16(3):578–85
LaBan MM see **Braker A**
Laberge F see **Maltais F**
Laberge I see **Homsy YL**
Labig CE Jr. Effectiveness of recruiting sources for staff nurses. J Nurs Adm 1990 Jul-Aug;20(7-8):12–7
Labrada LA see **Saravia NG**
Labrecque R see **Poulin de Courval L**
Labrie F see **Dupont E**
Labrune P, Perignon JL, Rault M, Brunet C, Lutun H, Charpentier C, Saudubray JM, Odievre M. Familial hypermethioninemia partially responsive to dietary restriction. J Pediatr 1990 Aug;117(2 Pt 1):220–6
Lacarelle B see **Albanese J**
Lacarra M see **Levin JH**

Lachenbruch PA see **Clements PJ**
Lachman R see **Shohat M**
Lack EE see **Nelson MC**
Lack EE see **Tucker MC**
Lacut Y see **Kossaifi T**
Ladd RE, Forman EN. Knowledge acquired during camp for children with cancer [letter] J Pediatr 1990 Aug;117(2 Pt 1):337–8
Ladinsky S see **Har-El G**
Ladusans EJ, Qureshi SA, Parsons JM, Arab S, Baker EJ, Tynan M. Balloon dilatation of critical stenosis of the pulmonary valve in neonates. Br Heart J 1990 Jun; 63(6):362–7
Lafferty LJ see **Dowling R**
Laffey S see **Collier P**
Lafitte JJ see **Dumur V**
Lafong AC see **Murphy PG**
Lafontan M see **Saulnier-Blache JS**
LaForce CF see **Meltzer EO**
Lafuente A, Giralt M, Cervello I, Pujol F, Mallol J. Glutathione-S-transferase activity in human superficial transitional cell carcinoma of the bladder. Comparison with healthy controls. Cancer 1990 May 1;65(9):2064–8
Lafuse WP see **Glaser R**
Laga M see **De Muylder X**
Lagerquist B see **Sylvén C**
Lagier F, Badier M, Martigny J, Charpin D, Vervloet D. Latex as aeroallergen [letter] Lancet 1990 Aug 25;336(8713):516–7
Lai CL see **Lin HJ**
Lai EC. Management of severe acute cholangitis. Br J Surg 1990 Jun;77(6):604–5 (7 ref.)
Laibovitz R see **Weinreb RN**
Laidler J see **Freeman R**
Lairmore M see **Kelen GD**
Lairson DR see **Ershoff DH**
Lais A see **Caione P**
Laitinen LA see **Mäkinen L**
Lakatos R see **Brumback RJ**
Lakatta EG see **Geokas MC**
Lake CR, Gallant S, Masson E, Miller P. Adverse drug effects attributed to phenylpropanolamine: a review of 142 case reports. Am J Med 1990 Aug;89(2):195–208 (136 ref.)
Lakkakorpi JT, Keinänen KP, Rajaniemi HJ. Production and characterization of polyclonal antiserum to rat luteinizing hormone/chorionic gonadotropin receptor and its immunohistochemical application for studying receptor location and down-regulation. Endocrinology 1990 Aug; 127(2):513–22
Lako CJ, Lindenthal JJ. Confidentiality in medical practice. J Fam Pract 1990 Aug;31(2):167–70
Lakshmiratnam K see **Patel V**
Lalani S see **Teodorczyk-Injeyan JA**
Laliberte G see **Patrick DM**
Lalka SG see **Cikrit DF**
Lalla M see **Kallio P**
Lally KP, Foster CE 3d, Chwals WJ, Brennan LP, Atkinson JB. Long-term follow-up of brachial artery ligation in children. Ann Surg 1990 Aug;212(2):194–6
Lally KP see **Mair EA**
Lalonde G see **Dupuis J**
Lam BC, Wong HN, Yeung CY. Effect of indomethacin on binding of bilirubin to albumin. Arch Dis Child 1990 Jul; 65(7 Spec No):690–1
Lamb DG see **Phillips BA**
Lamb RK see **Sreeram N**
Lambin P see **Dubarry M**
Lambin P see **Lefrère JJ**
Lamers CB see **Jansen JB**
Lamers CB see **van Erpecum KJ**
Lamkin G see **Black DM**
Lamm DL see **Brosman SA**
(Lamm R), Anderson HJ. Former governor advocates health care rationing. Hospitals 1990 Aug 20;64(16):46–7
Lammel C see **Apicella MA**
Lammermeier DE, Sweeney MS, Haupt HE, Radovancevic B, Duncan JM, Frazier OH. Use of potentially infected donor hearts for cardiac transplantation. Ann Thorac Surg 1990 Aug;50(2):222–5
Lammers RJ see **Russack V**
Lamont MC see **Andrews PJ**
Lamont TJ see **Morgan DR**
Lampertico P, Malter JS, Colombo M, Gerber MA. Detection of hepatitis B virus DNA in formalin-fixed, paraffin-embedded liver tissue by the polymerase chain reaction. Am J Pathol 1990 Aug;137(2):253–8
Lampertz M see **Salle JL**
Lamptey PR see **Sinei SK**
Lamson G see **De Leon DD**
Lancaster L see **Kern KB**
Lancranjan I see **Kremer JA**
Lanczik M see **Nöthen M**
Land VJ see **Pui CH**
Landen D, Baker D, LaPorte R, Thoft RA. Perforating eye injury in Allegheny County, Pennsylvania. Am J Public Health 1990 Sep;80(9):1120–2
Lander PH see **Dussault RG**
Landercasper J, Merz BJ, Cogbill TH, Strutt PJ, Cochrane RH, Olson RA, Hutter RD. Perioperative stroke risk in 173 consecutive patients with a past history of stroke. Arch Surg 1990 Aug;125(8):986–9
Landercasper J see **Martin GD**
Landers C see **Saxon A**
Landers MB 3d, Semple HC, Morse LS. A new infusion cannula for advanced proliferative vitreoretinopathy. Am J Ophthalmol 1990 Aug 15;110(2):209–10
Landers MB 3d see **Semple HC**
Landes A see **Mustoe TA**
Landis JR see **Hopper KD**
Landis JR see **Martin LF**
Landolfo S see **Nicoletti F**
Landon C see **Whiteley PJ**
Landon M see **Lowe J**
Landreneau RJ see **Johnson JA**
Landreneau RJ see **Worth ER**
Landreth G see **Nel AE**
Landrito J, Sakurai K, Ohshima K. Use of the ultrasonic surgical aspirator in the treatment of a solitary eosinophilic granuloma of the mandible: a case report. J Oral Maxillofac Surg 1990 Aug;48(8):855–8
Landy DA. Comments on process theory and psychiatry [letter] Am J Psychiatry 1990 Sep;147(9):1256–7
Lane AT see **Vernon HJ**
Lane B see **Marks MP**
Lane BA see **Walter EB**
Lane HC see **Schnittman SM**
Lane S, Ironside JW. Extra-skeletal Ewing's sarcoma of the nasal fossa. J Laryngol Otol 1990 Jul;104(7):570–3
Lanford RL see **Shearer MH**
Lang AE see **Riley DE**
Lang E, Erdmann K, Gerbershagen HU. High spinal anesthesia does not depress central nervous system function as measured by central conduction time and somatosensory evoked potentials. Anesth Analg 1990 Aug;71(2):176–80
Lang K see **Kasper W**
Lang RM see **Marcus RH**
Langdorf MI, Strange G, Macneil P. Computerized tracking of emergency medicine resident clinical experience. Ann Emerg Med 1990 Jul;19(7):764–73
Lange B see **Yamada M**
Lange RH see **De Smet AA**
Langer JC, Paes BM, Gray S. Hypernatremia associated with N-acetylcysteine therapy for meconium ileus in a premature infant. Can Med Assoc J 1990 Aug 1; 143(3):202–3
Langer JE, Meyer SJ, Dalinka MK. Imaging of the knee. Radiol Clin North Am 1990 Sep;28(5):975–90 (64 ref.)
Langkamer VG, Ackroyd CE. Removal of forearm plates. A review of the complications. J Bone Joint Surg [Br] 1990 Jul;72(4):601–4
Langlois S see **Thomas D**
Langman JM, Rowland R. Activity of duodenal disaccharidases in relation to normal and abnormal mucosal morphology. J Clin Pathol 1990 Jul;43(7):537–40
Langsley DG. Medical specialty credentialing in the United States. Clin Orthop 1990 Aug;(257):22–8
Langston JW see **Hanna SL**
Languille O see **Houry S**
Languino LR see **Okuda S**
Lanier WL see **Weglinski MR**
LaNoue KF see **Martin LF**
Lansdorp PM see **Wognum AW**
Lansen TA, Kasoff SS, Tenner MS. Occipitocervical fusion for reduction of traumatic periodontoid hypertrophic cicatrix. Case report. J Neurosurg 1990 Sep;73(3):466–70
Lanspa SJ see **Lynch HT**
Lantos PL see **Clinton J**
Lao T. Maternal serum alpha-fetoprotein level useful screening test [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):240
Laohaprasit V, Silbergeld DL, Ojemann GA, Eskridge JM, Winn HR. Postoperative CT contrast enhancement following lobectomy for epilepsy. J Neurosurg 1990 Sep; 73(3):392–5
Laparre F see **Pouchot J**
Lapeyre AC 3d see **Bell MR**
(Lapides J), Kogan BA. Pediatric Urology Medal. Dr. Jack Lapides: clinician, teacher, investigator and innovator. J Urol 1990 Aug;144(2 Pt 2):514–6
Laplace JR see **Husted RF**
LaPolt PS, Piquette GN, Soto D, Sincich C, Hsueh AJ. Regulation of inhibin subunit messenger ribonucleic acid levels by gonadotropins, growth factors, and gonadotropin-releasing hormone in cultured rat granulosa cells. Endocrinology 1990 Aug;127(2):823–31
LaPorte R see **Landen D**
LaPorte RE see **Orchard TJ**
Lappi DA see **Beattie GM**
Larchian W see **Kemeny N**
Large SR see **Bryan AJ**
Large SR see **Smyth RL**
Larkin JK see **Sperling RI**
Larkin RF. The callus of crack cocaine [letter] N Engl J Med 1990 Sep 6;323(10):685
Larkin SE see **Heyderman E**
Larner JM see **Petrazzuoli M**
Laroche C see **Mier A**
Laros RK Jr see **Carrington BM**
Laros RK Jr see **Combs CA**
Larralde C, Sotelo J, Montoya RM, Palencia G, Padilla A, Govezensky T, Diaz ML, Sciutto E. Immunodiagnosis of human cysticercosis in cerebrospinal fluid. Antigens from murine Taenia crassiceps cysticerci effectively substitute those from porcine Taenia solium. Arch Pathol Lab Med 1990 Sep;114(9):926–8
Larrick JW see **Robbins DL**
Larrouy D see **Saulnier-Blache JS**
Larsen E. Static or dynamic repair of chronic lateral ankle instability. A prospective randomized study. Clin Orthop 1990 Aug;(257):184–92
Larsen KG see **Thomas F**
Larsen LK see **Marchette NJ**
Larsen MP see **Eisenberg M**
Larsen RA, Leal MA, Chan LS. Fluconazole compared with amphotericin B plus flucytosine for cryptococcal meningitis in AIDS. A randomized trial. Ann Intern Med 1990 Aug 1;113(3):183–7
Larsen RA. Azoles and AIDS. J Infect Dis 1990 Sep; 162(3):727–30 (31 ref.)
Larsimont D see **Verhest A**
Larson CM see **Saffle JR**
Larson DB see **Bareta JC**
Larson EB see **Walsh JS**
Larson JE see **Misas JE**
LaRussa PS, Gershon AA, Steinberg SP, Chartrand SA. Antibodies to varicella-zoster virus glycoproteins I, II, and III in leukemic and healthy children. J Infect Dis 1990 Sep;162(3):627–33
Larvin M, Chalmers AG, McMahon MJ. Dynamic contrast enhanced computed tomography: a precise technique for identifying and localising pancreatic necrosis. BMJ 1990 Jun 2;300(6737):1425–8
Lasala JM, Remetz MS, Cleman MW, Cabin HS. Inadvertent "atherectomy" during ostial right coronary artery angioplasty. Am Heart J 1990 Aug;120(2):423–4
Lash A see **Becker CE**
Lash A see **Estrin WJ**
Lash A see **Klees JE**
Lask GP see **Epstein RH**
Laskarzewski PM see **Black DM**
Laskin CA, Vidins E, Blendis LM, Soloninka CA. Autoantibodies in alcoholic liver disease [see comments] Am J Med 1990 Aug;89(2):129–33. Comment in: Am J Med 1990 Aug;89(2):127–8.
Laskin DM see **Giglio JA**
Laskin DM. No time on their hands [editorial] J Oral Maxillofac Surg 1990 Aug;48(8):779
Lasser EC, Berry CC. Ionic vs nonionic contrast media: a proposal [letter] AJR Am J Roentgenol 1990 Sep; 155(3):651–2
Lassey D see **Coley S**
Lassiter A see **Arlt G**
Latham MC, Stephenson LS, Kurz KM, Kinoti SN. Metrifonate or praziquantel treatment improves physical fitness and appetite of Kenyan schoolboys with Schistosoma haematobium and hookworm infections. Am J Trop Med Hyg 1990 Aug;43(2):170–9
Latham RH see **Stapleton A**
Lathrop MG see **Melki J**
Laties AM, Keates EU, Taylor HR, Chremos AN, Shear CL, Lippa EA, Gould AL, Hurley DP. The human lens after 48 weeks of treatment with lovastatin [letter] N Engl J Med 1990 Sep 6;323(10):683–4
Latif LA see **Pond-Smith D**
Latimer EJ. Resuscitation of the terminally ill [letter] Can Med Assoc J 1990 Aug 1;143(3):168–9
Lattanand A see **Scheiner RB**
Lau A see **Bruno P**
Lau CP see **Wong CK**
Lau J see **Sung RY**
Lau JY see **Lin HJ**
Lau JY see **Sheron N**
Lau KC, Cheung HH, Mok CK. Congenital absence of the pulmonary valve, intact interventricular septum, and patent ductus arteriosus: management in a newborn infant. Am Heart J 1990 Sep;120(3):711–4 (8 ref.)
Lau KH see **Kraenzlin ME**
Lau KS see **Kung AW**
Lauder I see **MaWhinney WH**
Lauder IJ see **Kumana CR**
Lauder IJ see **Lin HJ**
Lauener RP, Geha RS, Vercelli D. Engagement of the monocyte surface antigen CD14 induces lymphocyte function-associated antigen-1/intercellular adhesion molecule-1-dependent homotypic adhesion. J Immunol 1990 Sep 1;145(5):1390–4
Laufer M see **Pitchenik AE**
Laughlin MR see **David M**
Laundy M see **Godfrey PS**
Laupattarakasem W, Wipulakorn K, Saengnipanthkul S, Kowsuwon W. Intraosseous anchorage of the iliotibial band graft. J Bone Joint Surg [Br] 1990 Jul;72(4):725
Laurence J. Molecular interactions among herpesviruses and human immunodeficiency viruses. J Infect Dis 1990 Aug; 162(2):338–46 (114 ref.)
Laurie JA see **Windschitl HE**
Lauterbach EC, Moore NC. Parkinsonism-dystonia syndrome and ECT [letter] Am J Psychiatry 1990 Sep;147(9):1249–50
Lauwers E see **Vercauteren M**
Lavelle J see **Donnelly PK**
Lavender JP see **Hawkins PN**
Lavenius B see **Mattsby-Baltzer I**
Lavey RS, Eby NL, Prosnitz LR. Impact of radiation therapy and/or chemotherapy on the risk for a second malignancy after breast cancer. Cancer 1990 Sep 1;66(5):874–81
Laville P see **Khalfallah Y**
Lavis VR see **Lowry PA**

Lavö B, Knutson L, Lööf L, Hällgren R. Gliadin challenge-induced jejunal prostaglandin E2 secretion in celiac disease. Gastroenterology 1990 Sep;99(3):703-7
Lavori P. CCCVA, MANOVA, my black hen. Comments on repeated measures [comment] Arch Gen Psychiatry 1990 Aug;47(8):775-8. Comment on: Arch Gen Psychiatry 1990 Aug;47(8):770-2.
Lavrell G see **Lundholm M**
Lawler FH see **Purvis JR**
Lawrence DP see **Goff WB 2d**
Lawrence ID see **Patterson R**
Lawrence M, Coulter A, Jones L. A total audit of preventive procedures in 45 practices caring for 430,000 patients. BMJ 1990 Jun 9;300(6738):1501-3
Lawrence R see **Chandwani S**
Lawrence R see **Leibovitz E**
Laws ER Jr see **Garton GR**
Lawyer PG, Ngumbi PM, Anjili CO, Odongo SO, Mebrahtu YB, Githure JI, Koech DK, Roberts CR. Development of Leishmania major in Phlebotomus duboscqi and Sergentomyia schwetzi (Diptera: Psychodidae). Am J Trop Med Hyg 1990 Jul;43(1):31-43
Layman LK see **Steinhorn DM**
Lazanas M see **Perronne C**
Lazar HL, Yang XM, Rivers S, Stockwell D, Shemin RJ. Superiority of substrate enhancement over oxygen free-radical scavengers during extended periods of cold storage for cardiac transplantation. Surgery 1990 Aug; 108(2):423-9; discussion 429-30
Lazar N see **Craigen G**
Lazarou SA see **Barbul A**
Lazarus HM see **Friedman DM**
Lazarus HM. A cholangiographic clamp as an aid in the performance of operative cholangiography. Surg Gynecol Obstet 1990 Aug;171(2):154-6
Lazebnik N, Hendrix PV, Ashmead GG, Ashmead JW, Mann LI. Detection of fetal blood contamination by amniotic fluid obtained during cordocentesis. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):78-80
Lazzara R see **Kuck KH**
Lazzari A see **Mattioli S**
Lazzari M see **Riveros DA**
Lazzerini G see **DeCaterina R**
Le T see **Hirokawa S**
Le Bail B see **Kossaifi T**
Le Dafniet M, Lefebvre P, Barret A, Mechain C, Feinstein MC, Brandi AM, Peillon F. Normal and adenomatous human pituitaries secrete thyrotropin-releasing hormone in vitro: modulation by dopamine, haloperidol, and somatostatin. J Clin Endocrinol Metab 1990 Aug; 71(2):480-6
Le Floch O see **Calais G**
Le Gros G see **Ben-Sasson SZ**
Le Metayer P see **Haissaguerre M**
Le Treut YP see **Bourlière M**
Leach IH see **Fellows IW**
Leader A see **Scott SG**
Leader M see **Dorman A**
Leaf A. Cardiovascular effects of fish oils. Beyond the platelet. Circulation 1990 Aug;82(2):624-8 (42 ref.)
Leaf DA, Illingworth DR, Connor WE. Lymphadenopathy associated with severe hypertriglyceridemia. JAMA 1990 Aug 8;264(6):727-8
Leal MA see **Larsen RA**
Lear JL, Ackermann RF. Quantification of patterns of regional cardiac metabolism. Radiology 1990 Sep; 176(3):659-64
Leary TP see **Palmer LD**
Leavitt RY see **Arend WP**
Leavitt RY, Fauci AS, Bloch DA, Michel BA, Hunder GG, Arend WP, Calabrese LH, Fries JF, Lie JT, Lightfoot RW Jr, et al. The American College of Rheumatology 1990 criteria for the classification of Wegener's granulomatosis. Arthritis Rheum 1990 Aug;33(8):1101-7
Leavitt RY see **Bloch DA**
Leavitt RY see **Calabrese LH**
Leavitt RY see **Fries JF**
Leavitt RY see **Hunder GG**
Leavitt RY see **Lightfoot RW Jr**
Leavitt RY see **Masi AT**
Leavitt RY see **Mills JA**
LeBaron CW, Lew J, Glass RI, Weber JM, Ruiz-Palacios GM. Annual rotavirus epidemic patterns in North America. Results of a 5-year retrospective survey of 88 centers in Canada, Mexico, and the United States. Rotavirus Study Group. JAMA 1990 Aug 22-29;264(8):983-8
Lebeau R see **Dupuis J**
Lebel B, Schneider E, Piquet-Pellorce C, Machavoine F, Kindler V, Luffau G, Dy M. Antigenic challenge of immunized mice induces endogeneous production of IL-3 that increases histamine synthesis in hematopoietic organs. J Immunol 1990 Aug 15;145(4):1222-6
LeBlond V see **Milpied N**
Leblond V see **Veyssier-Belot C**
Lebovitz HE see **Gabbay RA**
Lebowitz RL see **Share JC**
Lebrec D see **Poynard T**
Lecaillon JB see **Tantucci C**
Lecarpentier Y see **Timsit J**
Lechky O. If children are developing poorly, ask what they had for breakfast. Can Med Assoc J 1990 Aug 1; 143(3):210-3
Lechleiter JD see **Lewis DL**
Leclerc C, Schutze MP, Deriaud E, Przewlocki G. The in vivo elimination of CD4+ T cells prevents the induction but not the expression of carrier-induced epitopic suppression. J Immunol 1990 Sep 1;145(5):1343-9
Leclerc C see **Poulin de Courval L**
Leclercq G see **Plum J**
Leclercq JF, Leenhardt A, Lemarec H, Clémenty J, Hermida JS, Sebag C, Aliot E. Predictive value of electrophysiologic studies during treatment of ventricular tachycardia with the beta-blocking agent nadolol. The Working Group on Arrhythmias of the French Society of Cardiology. J Am Coll Cardiol 1990 Aug;16(2):413-7
Lecomte JM see **Lefrançois P**
Ledbetter JA see **Nel AE**
Ledermüller G see **Loewit K**
Lee A see **Davies JA**
Lee D see **McCoshen J**
Lee DA see **Panek WC**
Lee DH see **Lim JH**
Lee DH see **Weaver MG**
Lee DW see **Haro LS**
Lee E see **Ben-David B**
Lee FK see **Gibson JJ**
Lee GP see **Huh K**
Lee HH, Weiss SH, Brown LS, Mildvan D, Shorty V, Saravolatz L, Chu A, Ginzburg HM, Markowitz N, Des Jarlais DC, et al. Patterns of HIV-1 and HTLV-I/II in intravenous drug abusers from the middle atlantic and central regions of the USA. J Infect Dis 1990 Aug; 162(2):347-52
Lee HJ, Bach JR, DeLisa JA. Deep peroneal sensory nerve. Standardization in nerve conduction study. Am J Phys Med Rehabil 1990 Aug;69(4):202-4
Lee HS see **Fellers PJ**
Lee JB, Eriksen LR. The effects of a policy change on three types of absence. J Nurs Adm 1990 Jul-Aug;20(7-8):37-40
Lee JD see **Im JG**
Lee JJ. Single breath induction of anaesthesia [letter] Anaesthesia 1990 Jun;45(6):491
Lee JK, Choi B, Sobel RA, Chiocca EA, Martuza RL. Inhibition of growth and angiogenesis of human neurofibrosarcoma by heparin and hydrocortisone. J Neurosurg 1990 Sep;73(3):429-35
Lee KC, Clough C. Intracerebral hemorrhage after break dancing [letter] N Engl J Med 1990 Aug 30;323(9):615-6
Lee KF see **Rebeyka IM**
Lee KS see **Im JG**
Lee MH see **Senaldi E**
Lee MT see **Nakoinz I**
Lee PC, Hallsworth P. Rapid viral diagnosis in perspective. BMJ 1990 Jun 2;300(6737):1313-8 (71 ref.)
Lee RE see **Anderson CM**
Lee S see **Hong AS**
Lee SJ, Francis HL, Awadzi K, Ottesen EA, Nutman TB. Changes in antibody profile after treatment of human onchocerciasis. J Infect Dis 1990 Aug;162(2):529-33
Lee ST. Anterior nasal stenosis from joss stick burns. J Laryngol Otol 1990 Jun;104(6):497
Lee TC see **Sedlack JD**
Lee TH see **Lympany P**
Lee TH see **White LD**
Lee TY see **Ho HN**
Lee V see **Lefkowith JB**
Leedom J see **Chiu J**
Leelawongs N see **Teekhasaenee C**
Leeman M see **Lejeune P**
Leemhuis MP see **Bertina RM**
Leenhardt A see **Leclercq JF**
Lees B see **Stevenson JC**
Lees DA see **Lim BH**
Leese PT see **Feliciano NR**
Leeton JF see **Eddie LW**
Lefcoe NM see **Chen Y**
Lefebvre P see **Le Dafniet M**
Lefebvre YA see **Howell GM**
LeFevre M see **Ewigman B**
Lefkowith JB, Morrison A, Lee V, Rogers M. Manipulation of the acute inflammatory response by dietary polyunsaturated fatty acid modulation. J Immunol 1990 Sep 1;145(5):1523-9
Lefkowith JB see **Rovin BH**
Lefrançois P, Clerc G, Duchier J, Lim C, Lecomte JM, Gros C, Schwartz JC. Antihypertensive activity of sinorphan [letter] Lancet 1990 Aug 4;336(8710):307-8
Lefrère JJ, Couroucé AM, Mariotti M, Wattel E, Prou O, Bouchardeau F, Lambin P. Rapid progression to AIDS in dual HIV-1/HTLV-I infection [letter] Lancet 1990 Aug 25;336(8713):509
Legendre P see **Lledo PM**
Lehman E, Kremer S. Fracture of the penis. Surg Gynecol Obstet 1990 Aug;171(2):148-50
Lehman WB see **Atar D**
Lehmann C see **Tassonyi E**
Lehmann TR see **Walsh TR**
Lehtinen V see **Lindholm T**
Leibel RL see **Katzeff HL**
Leibovitch ER see **Toy EC**
Leibovitz E, Rigaud M, Pollack H, Lawrence R, Chandwani S, Krasinski K, Borkowsky W. Pneumocystis carinii pneumonia in infants infected with the human immunodeficiency virus with more than 450 CD4 T lymphocytes per cubic millimeter. N Engl J Med 1990 Aug 23;323(8):531-3
Leibson PJ see **Einspahr KJ**
Leibson PJ, Midthun DE, Windebank KP, Abraham RT. Transmembrane signaling during natural killer cell-mediated cytotoxicity. Regulation by protein kinase C activation. J Immunol 1990 Sep 1;145(5):1498-504
Leiden LI, Crosby RD, Follmer H. Assessing learning-style inventories and how well they predict academic performance. Acad Med 1990 Jun;65(6):395-401
Leier CV, Binkley PF, Cody RJ. Alpha-adrenergic component of the sympathetic nervous system in congestive heart failure. Circulation 1990 Aug;82(2 Suppl):I68-76 (116 ref.)
Leighton PM, MacSween HM. Strongyloides stercoralis. The cause of an urticarial-like eruption of 65 years' duration. Arch Intern Med 1990 Aug;150(8):1747-8
Leikin JB see **Heckerling PS**
Leimgruber RM see **Byatt JC**
Leinbach RC see **Gold HK**
Leinbach RC see **Yasuda T**
Leitch AG see **Udwadia ZF**
Leitch CA see **Kushner RF**
Leithe ME see **Davidson CJ**
Lejeune B see **Glinoer D**
LeJeune FE Jr see **Diaz JH**
Lejeune P, Brimioulle S, Leeman M, Hallemans R, Melot C, Naeije R. Enhancement of hypoxic pulmonary vasoconstriction by metabolic acidosis in dogs. Anesthesiology 1990 Aug;73(2):256-64
Lemanske RF Jr see **Meltzer EO**
Lemarec H see **Leclercq JF**
Lemen RJ see **Grad R**
Lemery R, Kleinebenne A, Nihoyannopoulos P, Aber V, Alfonso F, McKenna WJ. Q waves in hypertrophic cardiomyopathy in relation to the distribution and severity of right and left ventricular hypertrophy [see comments] J Am Coll Cardiol 1990 Aug;16(2):368-74. Comment in: J Am Coll Cardiol 1990 Aug;16(2):375-6.
Lemery R see **Nattel S**
Lemieux M see **Dumesnil JG**
Lemmi CA see **Pascual JA**
Lemmi MA see **Hanna SL**
Lemole GM see **Shapira N**
Lemone M see **Glinoer D**
Lemonier C see **Bousquet J**
Lemons JA see **Ernst JA**
Lemos GC see **Netto Júnior NR**
Lemos GC see **Rodrigues Netto Júnior N**
Lemus CZ see **Mayerhoff DI**
Lench JB see **Gambone JC**
Lenhart M see **Porter T**
Lennard A. Vitamin B-12 and folate deficiency presenting as leukaemia [letter] BMJ 1990 Jul 7;301(6742):42
Lennard L, Lilleyman JS, Van Loon J, Weinshilboum RM. Genetic variation in response to 6-mercaptopurine for childhood acute lymphoblastic leukaemia. Lancet 1990 Jul 28;336(8709):225-9
Lennard-Jones JE see **Milner P**
Lenney W see **Davies H**
Lennox CE. Endemic placenta accreta in a population of remote villagers in Papua New Guinea [letter] Br J Obstet Gynaecol 1990 Jun;97(6):551
Lentz LA see **Grad R**
Lentze MJ see **Cotting J**
Leo KU see **Epperly TD**
Leonard BM see **Levine MJ**
Leonard G see **Beaver PC**
Leonard JV see **Walter JH**
Leonard MP, Gearhart JP, Jeffs RD. Continent urinary reservoirs in pediatric urological practice. J Urol 1990 Aug; 144(2 Pt 1):330-3
Leone MR, Alexander SR, Melvin T, Striegel J, Reller K, Norman DJ, Barry JM. A comparison of 2 protocols for living-related renal transplantation in children: donor-specific transfusions versus cyclosporine. J Urol 1990 Sep;144(3):721-3
Leong JC see **Pun WK**
Leonhardt U, Seidensticker F, Fussek M, Stöckmann F, Creutzfeldt W. Camostate (FOY-305) improves the therapeutic effect of peritoneal lavage on taurocholate induced pancreatitis. Gut 1990 Aug;31(8):934-7
Leonor MQ, Shelton L, Sun ER, Wood BP. Radiological case of the month. Idiopathic aortic thrombosis. Am J Dis Child 1990 Aug;144(8):935-6
Leopold K see **Sostman HD**
Leor J, Hod H, Rotstein Z, Truman S, Gansky S, Goldbourt U, Abboud S, Kaplinsky E, Eldar M. Effects of thrombolysis on the 12-lead signal-averaged ECG in the early postinfarction period. Am Heart J 1990 Sep;120(3):495-502
Leoung GS see **Montgomery AB**
Lepers JP see **Fontenille D**
Lephart ED, Andersson S, Simpson ER. Expression of neural 5 alpha-reductase messenger ribonucleic acid: comparison to 5 alpha-reductase activity during prenatal development in the rat. Endocrinology 1990 Sep;127(3):1121-8
Lepor H. Role of long-acting selective alpha-1 blockers in the treatment of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug;17(3):651-9 (44 ref.)
Leport C see **Perronne C**
Leppäluoto J see **Rönnberg L**
Lepresle E see **Djindjian M**

Leri O see **Aceti A**
LeRoith D see **Serrano J**
LeRoux ME see **Roh MS**
Leroux-Roels G see **Offner F**
Leroy A see **Galerneau V**
Leroy J see **Galerneau V**
Leroy O, Beuscart C, Senneville E, Visticot F, Tillie I, Brion M, Beaucaire G. Deep venous thrombosis and antibodies to cyproterone acetate [letter] Lancet 1990 Aug 25; 336(8713):509
Lerut J, Gruwez JA, Blumgart LH. Resection of the caudate lobe of the liver. Surg Gynecol Obstet 1990 Aug; 171(2):160–2
Leserman L see **Machy P**
Lessell S see **Joseph MP**
Lester BM see **Vohr BR**
Lester R see **Zimniak P**
Lesur O, Delorme N, Fromaget JM, Bernadac P, Polu JM. Computed tomography in the etiologic assessment of idiopathic spontaneous pneumothorax. Chest 1990 Aug; 98(2):341–7
Letarte M see **Tran-Paterson R**
Letizia KA see **Wadden TA**
Letsinger JT see **Marchesi SL**
Letsky E see **Milaskiewicz RM**
Letz R see **Gerr F**
Leuenberger P see **Fitting JW**
Leung DW see **Phillips HS**
Leung FW see **Chung SC**
Leung JW see **Chung SC**
Leung KW see **Fok TF**
Leung WH see **Wong CK**
Leunissen JD see **Vos MA**
Leuschner M see **Hellstern A**
Leuschner U see **Hellstern A**
Leusley DM. Vaginal ultrasound and endometrial carcinoma [letter] Lancet 1990 Jul 28;336(8709):256
Lev M see **Bharati S**
Levene MI see **Fenton AC**
Leveno KJ see **Maberry MC**
Levenson S see **Howland J**
Levesque H, Verdier S, Cailleux N, Elie-Legrand MC, Gancel A, Basuyau JP, Borg JY, Moore N, Courtois H. Low molecular weight heparins and hypoaldosteronism. BMJ 1990 Jun 2;300(6737):1437–8
Levesque MF. Correlation of brain mapping and MR imaging [letter] J Neurosurg 1990 Sep;73(3):474
Levey GS see **Andersen RM**
Levey GS see **Kroboth FJ**
Levi A see **Di Segni E**
Levic Z see **Mavra M**
Levin GE see **Eastwood JB**
Levin JH, Lacarra M, d'Ablaing G, Grimes DA, Vermesh M. Mifepristone (RU 486) failure in an ovarian heterotopic pregnancy. Am J Obstet Gynecol 1990 Aug;163(2):543–4
Levin K see **Tarkington MA**
Levin RM see **Keating MA**
Levine AM see **Gellad FE**
Levine C see **Kuchroo VK**
Levine E see **Anderson AC**
Levine J, Price R. Health checks for adults [letter] BMJ 1990 Jul 7;301(6742):43
Levine J see **Carpenter WT Jr**
Levine JH see **Calkins H**
Levine MC. Physician payment reform [letter] West J Med 1990 Jul;153(1):88
Levine MJ, Leonard BM, Burke JA, Nash ID, Safian RD, Diver DJ, Baim DS. Clinical and angiographic results of balloon-expandable intracoronary stents in right coronary artery stenoses. J Am Coll Cardiol 1990 Aug;16(2):332–9
Levine MM see **Tacket CO**
Levine RA, Nandi J, King RL. Aspirin potentiates prestimulated acid secretion and mobilizes intracellular calcium in rabbit parietal cells. J Clin Invest 1990 Aug; 86(2):400–8
Levine S see **Croog SH**
(Levine SA), Wooley CF. William P. Thompson, Samuel A. Levine—1935: systolic gallop sounds and mitral valve prolapse. Am Heart J 1990 Aug;120(2):460–3
Levine SP, Kett RL, Gross MD, Wilson BA, Cederna PS, Juni JE. Blood flow in the gluteus maximus of seated individuals during electrical muscle stimulation. Arch Phys Med Rehabil 1990 Aug;71(9):682–6
Levine SR, Brust JC, Futrell N, Ho KL, Blake D, Millikan CH, Brass LM, Fayad P, Schultz LR, Selwa JF, et al. Cerebrovascular complications of the use of the "crack" form of alkaloidal cocaine. N Engl J Med 1990 Sep 13; 323(11):699–704
Levine SR, Deegan MJ, Futrell N, Welch KM. Cerebrovascular and neurologic disease associated with antiphospholipid antibodies: 48 cases. Neurology 1990 Aug; 40(8):1181–9
Levinsky RJ see **Pelham A**
Levinsohn EM. Imaging of the wrist. Radiol Clin North Am 1990 Sep;28(5):905–21 (42 ref.)
Levinson DF, Simpson GM, Singh H, Yadalam K, Jain A, Stephanos MJ, Silver P. Fluphenazine dose, clinical response, and extrapyramidal symptoms during acute treatment. Arch Gen Psychiatry 1990 Aug;47(8):761–8
Levinson JR, Boucher CA, Coley CM, Guiney TE, Strauss HW, Eagle KA. Usefulness of semiquantitative analysis of dipyridamole-thallium-201 redistribution for improving risk stratification before vascular surgery. Am J Cardiol 1990 Aug 15;66(4):406–10
Levison H see **Reisman J**
Leviton A see **Van Marter LJ**
Levitsky S see **del Nido PJ**
Levitt R see **Patel SR**
Levitt SB see **Gill B**
Levitt SB see **Kogan SJ**
Levitt SB see **Palko MJ**
Levivier M see **Mavroudakis N**
Levy A see **Meizner I**
Levy DM. Recurrent bradycardia due to latent sick sinus syndrome [letter] Anaesthesia 1990 Jun;45(6):488–9
Levy J see **Karl IE**
Levy J see **Poh-Fitzpatrick MB**
Levy JM, Borowitz MJ, Jencks SF, Kay TL, Williams DK. Impact of the Medicare fee schedule on payments to physicians. JAMA 1990 Aug 8;264(6):717–22
Levy N see **Tal A**
Levy R. After the asylums [letter] BMJ 1990 May 26; 300(6736):1397
Levy R see **Campbell MJ**
Levy RB see **Tokuda N**
Lew J see **LeBaron CW**
Lew RA see **Drachman DA**
Lew RA see **Lu S**
Lewin TM see **Behringer RR**
Lewine RJ see **Walker E**
Lewis A see **Riley DE**
Lewis BF see **McCusker J**
Lewis CA, Castillo M, Hudgins PA. Cervical prevertebral fat stripe: a normal variant simulating prevertebral hemorrhage. AJR Am J Roentgenol 1990 Sep; 155(3):559–60
Lewis CJ, McDowell MA, Sempos CT, Lewis KC, Yetley EA. Relationship between age and serum vitamin A in children aged 4–11 y. Am J Clin Nutr 1990 Aug;52(2):353–60
Lewis DJ, Green EL, Ashall F. Total genomic DNA probe to detect Giardia lamblia [letter] Lancet 1990 Jul 28; 336(8709):257
Lewis DL, Lechleiter JD, Kim D, Nanavati C, Clapham DE. Intracellular regulation of ion channels in cell membranes. Mayo Clin Proc 1990 Aug;65(8):1127–43 (107 ref.)
Lewis ER see **Jacob P 3d**
Lewis FA see **Jackson DP**
Lewis J see **Gopalakrishnan KC**
Lewis JJ, Goldenring JR, Modlin IM, Coffey RJ. Inhibition of parietal cell H+ secretion by transforming growth factor alpha: a possible autocrine regulatory mechanism. Surgery 1990 Aug;108(2):220–6; discussion 226–7
Lewis JM see **Jeroudi MO**
Lewis JM see **Rodriguez AR**
Lewis KC see **Lewis CJ**
Lewis M see **MacArthur C**
Lewis RA, Austen KF, Soberman RJ. Leukotrienes and other products of the 5-lipoxygenase pathway. Biochemistry and relation to pathobiology in human diseases. N Engl J Med 1990 Sep 6;323(10):645–55 (136 ref.)
Lewis S. Paediatrician to a special school. Arch Dis Child 1990 Jul;65(7):803–6
Lewis SA see **DiSciascio G**
Lewis UJ see **Haro LS**
Lewiston NJ see **Kramer MR**
Lewiston NJ see **Robin ED**
Lexchin J. Nonprescription cough and cold remedies [letter] Can Med Assoc J 1990 Aug 1;143(3):175
Leyland A see **Mutch L**
Leyland MM see **McMillan AK**
Leyton E. Naturopathic services [letter] Can Med Assoc J 1990 Aug 1;143(3):174–5
Lheureux P, Askenasi R, Gangi D. Unreliable effect of nifedipine in relieving renal colic [letter] Ann Emerg Med 1990 Jul;19(7):841–2
Li AK see **Dewar G**
Li AK see **Griffin SM**
Li EK, Crozier IG, Milne MJ, Nicholls MG, Cohen MG. Lack of association between anticardiolipin antibodies and heart valve disease in Chinese patients with systemic lupus erythematosus [letter] Lancet 1990 Aug 25;336(8713):504–5
Li GC, Vasquez JA, Gallagher KP, Lucchesi BR. Myocardial protection with preconditioning. Circulation 1990 Aug; 82(2):609–19
Li O see **Hyams KC**
Li TC see **Graham RA**
Li W, Ellerbroek NA, Libshitz HI. Primary malignant tumors of the trachea. A radiologic and clinical study. Cancer 1990 Sep 1;66(5):894–9
Li YM see **Wang SY**
Liang JC see **Jiang XY**
Liang L see **Kraenzlin ME**
Liao SY see **Walker JL**
Liberfarb RM see **Seery CM**
Libshitz HI see **Li W**
Licht JD, Bosserman LD, Andersen JW, Yeap BY, Klatt MM, Martel JK, Anderson KC, Rosenthal DS, Pinkus G, Skarin AT, et al. Treatment of low-grade and intermediate-grade lymphoma with intensive combination chemotherapy results in long-term, disease-free survival. Cancer 1990 Aug 15;66(4):632–9
Lichtlen PR see **Gulba DC**
Lichtman S see **Heymsfield SB**
Liddell MB see **Peake IR**
Liddell RM, Baron RL, Ekstrom JE, Varnell RM, Shuman WP. Normal intrahepatic bile ducts: CT depiction. Radiology 1990 Sep;176(3):633–5
Liddle RA see **Brazer SR**
Liddle RA see **Ohta H**
Lidov M see **Som PM**
Lie JT see **Arend WP**
Lie JT. Illustrated histopathologic classification criteria for selected vasculitis syndromes. American College of Rheumatology Subcommittee on Classification of Vasculitis. Arthritis Rheum 1990 Aug;33(8):1074–87
Lie JT see **Calabrese LH**
Lie JT see **Fries JF**
Lie JT see **Hunder GG**
Lie JT see **Leavitt RY**
Lie JT see **Lightfoot RW Jr**
Lie JT see **Masi AT**
Lie JT see **Mills JA**
Lieb J see **Arlt G**
Lieb K see **Kern W**
Lieber MM see **Nativ O**
Lieberman BA see **Isherwood PJ**
Lieberman JA see **Mayerhoff DI**
Lieberman JD see **Maier WP**
Lieberman K see **Venkataseshan VS**
Lieberman MD, Reynolds J, Goldfine J, Shou J, Daly JM. Protein-calorie malnutrition inhibits antitumor response to interleukin-2 immunotherapy. Surgery 1990 Aug; 108(2):452–8; discussion 458–9
Lieberman RP see **Haire WD**
Liem LB see **Cohen TJ**
Lience E see **Monteagudo M**
Lieskovsky G see **Malkowicz SB**
Lifchez A see **Strom CM**
Lifson AR see **Horsburgh CR Jr**
Lightfoot RW Jr see **Arend WP**
Lightfoot RW Jr, Michel BA, Bloch DA, Hunder GG, Zvaifler NJ, McShane DJ, Arend WP, Calabrese LH, Leavitt RY, Lie JT, et al. The American College of Rheumatology 1990 criteria for the classification of polyarteritis nodosa. Arthritis Rheum 1990 Aug;33(8):1088–93
Lightfoot RW Jr see **Fries JF**
Lightfoot RW Jr see **Hunder GG**
Lightfoot RW Jr see **Leavitt RY**
Ligumsky M, Simon PL, Karmeli F, Rachmilewitz D. Role of interleukin 1 in inflammatory bowel disease—enhanced production during active disease. Gut 1990 Jun;31(6):686–9
Lilford RJ see **Barrett JF**
Lilford RJ see **Johnson N**
Lilienfeld DE, Godbold JH, Burke GL, Sprafka JM, Pham DL, Baxter J. Hospitalization and case fatality for pulmonary embolism in the twin cities: 1979–1984. Am Heart J 1990 Aug;120(2):392–5
Lillemoe TJ see **Swanson PE**
Lilleyman JS see **Lennard L**
Lillington GA. Decision analysis for management of solitary pulmonary nodules [letter] Mayo Clin Proc 1990 Jul; 65(7):1029–30
Lim A see **Borche L**
Lim BH, Lees DA, Bjornsson S, Lunan CB, Cohn MR, Stewart P, Davey A. Normal development after exposure to mifepristone in early pregnancy [letter] Lancet 1990 Jul 28;336(8709):257–8
Lim C see **Lefrançois P**
Lim JH, Ko YT, Lee DH, Hong KS. Oriental cholangiohepatitis: sonographic findings in 48 cases. AJR Am J Roentgenol 1990 Sep;155(3):511–4
Lim L, Spencer SA, McKay P, Waters MJ. Regulation of growth hormone (GH) bioactivity by a recombinant human GH-binding protein. Endocrinology 1990 Sep; 127(3):1287–91
Lim R. How maximal is "maximum"? [letter] Lancet 1990 Aug 25;336(8713):517
Lim TA see **Inbasegaran K**
Lima J see **Monteagudo M**
Lima JJ see **Krukemyer JJ**
Limbourg P see **Kasper W**
Limburg PC see **Tervaert JW**
Limjuco GA see **Rodan SB**
Lin BL, Iwata Y. Modified laparoscopy for monitoring transcervical surgery [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):243–4
Lin CK see **Wang SY**
Lin CY see **Sheih CP**
Lin GF see **Kho HG**
Lin HJ, Lai CL, Lau JY, Chung HT, Lauder IJ, Fong MW. Evidence for intrafamilial transmission of hepatitis B virus from sequence analysis of mutant HBV DNAs in two Chinese families. Lancet 1990 Jul 28;336(8709):208–12
Lin KY, Bartlett SP, Yaremchuk MJ, Fallon M, Grossman RF, Whitaker LA. The effect of rigid fixation on the survival of onlay bone grafts: an experimental study. Plast Reconstr Surg 1990 Sep;86(3):449–56
Lin MJ see **Hirsch RE**
Lin SC see **Richardson JW**
Lin SJ see **Jeng SF**
Lin T see **Guo H**
Linberg JV, Blaylock WK. Giant molluscum contagiosum following splenectomy [letter] Arch Ophthalmol 1990 Aug; 108(8):1076
Linch DC see **McMillan AK**
Lincoln TM see **Pryzwansky KB**

Lindan CP, Hearst N, Singleton JA, Trachtenberg AI, Riordan NM, Tokagawa DA, Chu GS. Underreporting of minority AIDS deaths in San Francisco Bay area, 1985–86. Public Health Rep 1990 Jul–Aug;105(4):400–4
Lindberg S see **Dolata J**
Lindemann A see **Ganser A**
Linden J see **Sullivan GW**
Lindenthal JJ see **Lako CJ**
Lindgren PG see **Elvin A**
Lindholm T, Lehtinen V, Hyyppä MT, Puukka P. Alexithymic features in relation to the dexamethasone suppression test in a Finnish population sample. Am J Psychiatry 1990 Sep; 147(9):1216–9
Lindhout T see **Pieters J**
Lindner H see **Wesierska–Gadek J**
Lindner WJ see **Teba L**
Lindsay MK, Peterson HB, Taylor EB, Blunt M, Willis S, Klein L. Routine human immunodeficiency virus infection screening of women requesting induced first–trimester abortion in an inner–city population. Obstet Gynecol 1990 Sep;76(3 Pt 1):347–50
Lindsell DR see **Spencer JA**
Lindsley HB, Smith DD. Enhanced prostaglandin E2 secretion by cytokine–stimulated human synoviocytes in the presence of subtherapeutic concentrations of nonsteroidal antiinflammatory drugs. Arthritis Rheum 1990 Aug;33(8):1162–9
Lindstrand A see **Abdon P**
Lineaweaver WC see **Whitney TM**
Linehan IP see **Studley JG**
Linehan WM see **Robertson CN**
Linehan WM see **Weiss GH**
Ling A see **Black WC**
Ling FW see **Stovall TG**
Ling JM, Zhang LC, Hui YW, French GL. Evaluation of Cathra system for identifying gram negative aerobic bacteria. J Clin Pathol 1990 Jul;43(7):587–90
Ling LJ. Attaining academic department status for emergency medicine within medical schools. Ann Emerg Med 1990 Jul;19(7):793–6
Link M see **Crist W**
Link MP see **Pui CH**
Linker–Israeli M, Quismorio FP Jr, Horwitz DA. CD8+ lymphocytes from patients with systemic lupus erythematosus sustain, rather than suppress, spontaneous polyclonal IgG production and synergize with CD4+ cells to support autoantibody synthesis. Arthritis Rheum 1990 Aug;33(8):1216–25 (52 ref.)
Linkhart TA see **Perkel VS**
Linklater JM see **Khin–Maung–U**
Links JM see **Jeremy RW**
Linn WS see **Avol EL**
Linville KW see **Schmidt DR**
Lioe TF, Biggart JD. Primary adenocarcinoma of the jejunum and ileum: clinicopathological review of 25 cases. J Clin Pathol 1990 Jul;43(7):533–6
Lipes MA, Eisenbarth GS. Transgenic mouse models of type I diabetes. Diabetes 1990 Aug;39(8):879–84 (50 ref.)
Lipka JJ, Bui K, Reyes GR, Moeckli R, Wiktor SZ, Blattner WA, Murphy EL, Shaw GM, Hanson CV, Sninsky JJ, et al. Determination of a unique and immunodominant epitope of human T cell lymphotropic virus type I. J Infect Dis 1990 Aug;162(2):353–7
Lippa EA see **Laties AM**
Lippe BM see **Frasier SD**
Lippe BM see **Geffner ME**
Lipper EG, Ross GS, Auld PA, Glassman MB. Survival and outcome of infants weighing less than 800 grams at birth. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):146–50
Lipper EG see **Ross G**
Lippert TH see **Dietl J**
Lippeveld T see **Moore PS**
Lippton HL see **Brinker MR**
Lipsky BA see **Wipf JE**
Lipsky PE see **Davis LS**
Lipworth BJ, Clark RA, Dhillon DP, McDevitt DG. Comparison of the effects of prolonged treatment with low and high doses of inhaled terbutaline on beta–adrenoceptor responsiveness in patients with chronic obstructive pulmonary disease. Am Rev Respir Dis 1990 Aug; 142(2):338–42
Lis M see **Walop W**
Lischke JH, McCreight PH. Maternal group B streptococcal vertebral osteomyelitis: an unusual complication of vaginal delivery. Obstet Gynecol 1990 Sep;76(3 Pt 2):489–91
Liscovitch M see **Bollag WB**
(Lister J) Gibson T. Evolution of catgut ligatures: the endeavours and success of Joseph Lister and William Macewen. Br J Surg 1990 Jul;77(7):824–5
Litoff D see **Catalano RA**
Litsheim T see **Allen DB**
Litt IF see **Bachrach LK**
Little RA see **Anderson ID**
Little WC see **Edwards RR**
Littlewood SC see **Guarisco JL**
Litwin SE, Raya TE, Anderson PG, Daugherty S, Goldman S. Abnormal cardiac function in the streptozotocin–diabetic rat. Changes in active and passive properties of the left ventricle. J Clin Invest 1990 Aug;86(2):481–8
Liu BC see **Weiss RE**
Liu BX, Mei RL, Niu WD, Zhang Z, Qiu XX, Wang L. Predictive validity of a national examination for medical graduates in the People's Republic of China. Acad Med 1990 Aug;65(8):505–11
Liu CH see **Fuchs AR**
Liu CM see **Flachskampf FA**
Livengood CH 3d, Thomason JL, Hill GB. Bacterial vaginosis: diagnostic and pathogenetic findings during topical clindamycin therapy. Am J Obstet Gynecol 1990 Aug; 163(2):515–20
Livermore DM see **Daikos GL**
Livingston MG. Patients withdrawn from benzodiazepines [letter] BMJ 1990 Jun 16;300(6739):1588
Lizarralde G see **Veldhuis JD**
Ljunggren B see **Fodstad H**
Ljungman P, Wiklund–Hammarsten M, Duraj V, Hammarström L, Lönnqvist B, Paulin T, Ringdén O, Pepe MS, Gahrton G. Response to tetanus toxoid immunization after allogeneic bone marrow transplantation. J Infect Dis 1990 Aug;162(2):496–500
Ljungman P see **Meyers JD**
Llanillo M see **Sánchez–Yagüe J**
Lledo PM, Legendre P, Israel JM, Vincent JD. Dopamine inhibits two characterized voltage–dependent calcium currents in identified rat lactotroph cells. Endocrinology 1990 Sep;127(3):990–1001
Lloyd BA see **Stein HJ**
Lloyd DM, Payne SP, Tomson CR, Barnes MR, Allen MJ. Acute compartment syndrome secondary to theophylline overdose [letter] Lancet 1990 Aug 4;336(8710):312
Lloyd GA. CT of the paranasal sinuses: study of a control series in relation to endoscopic sinus surgery. J Laryngol Otol 1990 Jun;104(6):477–81
Lloyd KO see **Rubin SC**
Lloyd P, John VA, Signy M, Smith SE. The effect of impaired renal function on the pharmacokinetics of metoprolol after single administration of a 14/190 metoprolol OROS system. Am Heart J 1990 Aug;120(2):478–82
Lloyd RV, Fields K, Jin L, Horvath E, Kovacs K. Analysis of endocrine active and clinically silent corticotropic adenomas by in situ hybridization. Am J Pathol 1990 Aug; 137(2):479–88
Lloyd T see **Segal S**
Lo AK, Colcleugh RG, Allen L, Van Wyck L, Bite U. The role of tissue expanders in an anophthalmic animal model. Plast Reconstr Surg 1990 Sep;86(3):399–408; discussion 409–10
Lobach HJ see **Roukema JA**
Lobas JG see **Wheeler WB**
Lobeck CC, Stone HL. Class mentors: a step toward implementing the GPEP report. Acad Med 1990 Jun; 65(6):351–4
Lobel HO see **Greenberg AE**
Lobo–Yeo A, Mieli–Vergani G, Mowat AP, Vergani D. Soluble interleukin 2 receptors in autoimmune chronic active hepatitis. Gut 1990 Jun;31(6):690–3
Locati E see **Benhorin J**
Locati F see **Naldi L**
Lochner A see **Coetzee A**
Lock JE see **Keane JF**
Lock JE see **Spevak PJ**
Locklair PR Jr see **Bradham RR**
Lockton JA, O'Kane MP, Close EJ, Wiles PG. Dietary intake and plasma lipid levels [letter] BMJ 1990 Jul 7; 301(6742):43–4
Locuty J see **Teculescu DB**
Lodder J. Cardiac embolism [letter] Neurology 1990 Aug; 40(8):1323
Lodge PA see **Haisch CE**
Loesch T see **Gunzburger LK**
Loeser WD, Dickstein ES, Commarata MA. Governmental bureaucracy in the nursing home [letter] N Engl J Med 1990 Sep 13;323(11):759
Loewit K, Hoppichler F, Ledermüller G, Widhalm G. Ovulation prediction from cyclic changes in salivary electrical conductivity [letter] Am J Obstet Gynecol 1990 Aug;163(2):708–10
Loffer FD. Fluid cooling of artificial sapphire tips of laser [letter] Am J Obstet Gynecol 1990 Aug;163(2):681
Löfgren B see **Prellner K**
Lofgren RP see **Nichol KL**
Lofgren RP see **Udvarhelyi IS**
Lofland G see **Porter T**
Lofqvist L see **Counter SA**
Loft DE, Marsh MN, Crowe PT. Rectal gluten challenge and diagnosis of coeliac disease [letter] Lancet 1990 Sep 1;336(8714):570
Lofy L see **Kelen GD**
Lohman I, Halonen M. Effects of the PAF antagonist WEB 2086 on PAF–induced physiologic alterations and on IgE anaphylaxis in the rabbit. Am Rev Respir Dis 1990 Aug; 142(2):390–7
Lohr NE see **Ogata SN**
Loisance D see **Dussaule JC**
Loisance D see **Geschwind HJ**
Loisance DY see **Deleuze P**
Loizou S see **Nihoyannopoulos P**
Lokhandwala BS see **Finkelstein A**
Løkkegaard H see **Osterby R**
Lolans VT see **Daikos GL**
Lolans VT see **Jackson GG**
Lombard CM see **Kemper CA**
Lombardi A see **Matucci–Cerinic M**
Lonchamp D see **Greydanus DE**
London MA see **Smith AB**
London NJ see **Neoptolemos JP**
Londoño JA, Gras–Masse H, Dubeaux C, Tartar A, Druilhe P. Secondary structure and immunogenicity of hybrid synthetic peptides derived from two Plasmodium falciparum pre–erythrocytic antigens. J Immunol 1990 Sep 1;145(5):1557–63
Long R see **Scalcini M**
Long RR, Sargent JC, Hammer K. Paralytic shellfish poisoning: a case report and serial electrophysiologic observations. Neurology 1990 Aug;40(8):1310–2
Long SS see **Rupar DG**
Longaker MT see **Crombleholme TM**
Longenecker GL see **Parker JC**
Longmire WP Jr see **Singh SM**
Longo DL see **Espinoza–Delgado I**
Longshore ST see **Jones JL**
Löning T see **Meissner K**
Lönnqvist B see **Ljungman P**
Lööf L see **Lavö B**
Look Z see **Harris WS**
Loong EP see **Sung RY**
Loop FD see **Tuzcu EM**
Lopez A see **Davis DL**
Lopez F see **Hyams KC**
Lopez II, Nevado M, Eizaguirre B. Salivary duct adenocarcinoma [letter] J Clin Pathol 1990 Jul;43(7):608
López Bernal A see **Hill NC**
López–Rivas A see **Nieto MA**
López–Vidal Y, Calva JJ, Trujillo A, Ponce de León A, Ramos A, Svennerholm AM, Ruiz–Palacios GM. Enterotoxins and adhesins of enterotoxigenic Escherichia coli: are they risk factors for acute diarrhea in the community? J Infect Dis 1990 Aug;162(2):442–7
Lorber DL see **Tibaldi JM**
Lord DJ see **Tiong JT**
Lori F see **Zella D**
Loria P see **Mattioli S**
Loria R see **Regelson W**
Lorig RJ see **Barr RG**
Loriga P see **Meloni L**
Lorigan JG see **O'Keeffe F**
Lörincz AT see **Reid R**
Loring DW see **Huh K**
Lorys AR see **Hynd GW**
Losasso T, Dietz NM, Muzzi DA. Acromegaly and radial artery cannulation [letter] Anesth Analg 1990 Aug; 71(2):204
Losonczy KG see **Kittner SJ**
Losonsky G see **Tacket CO**
Losowsky MS see **Howdle PD**
Lossef SV, Schwartz LH. Computerized literature reference system: use of an optical scanner and optical character recognition software. AJR Am J Roentgenol 1990 Sep; 155(3):617–9
Lotti T see **Matucci–Cerinic M**
Lotz C see **Kreuz W**
Lotze MT see **Rosenberg SA**
Loughran TP see **Blumberg KD**
Louis D see **O'Neill DB**
Lourenço–de–Oliveira R see **de Oliveira–Ferreira J**
Loures DR see **Ferreira MJ**
Louton RB see **Vaughn TR**
Louv WC see **Barbone F**
Louvet JP see **Senard JM**
Louw JA. Spinal tuberculosis with neurological deficit. Treatment with anterior vascularised rib grafts, posterior osteotomies and fusion. J Bone Joint Surg [Br] 1990 Jul; 72(4):686–93
Louw JA, Mafoyane NA, Small B, Neser CP. Occlusion of the vertebral artery in cervical spine dislocations. J Bone Joint Surg [Br] 1990 Jul;72(4):679–81
Love AH see **Collins JS**
Lovejoy FH Jr. Corrosive injury of the esophagus in children: failure of corticosteroid treatment reemphasizes prevention [editorial; comment] N Engl J Med 1990 Sep 6; 323(10):668–70. Comment on: N Engl J Med 1990 Sep 6;323(10):637–40.
Lovelace R see **Steinschneider M**
LoVerde M see **Thompson TL 2d**
Lovestone S. Delusional bovine spongiform encephalopathy [letter] Lancet 1990 Sep 1;336(8714):565
Lovin JD see **Parker SH**
Low BP, Andrews SF. Adolescent suicide. Med Clin North Am 1990 Sep;74(5):1251–64 (75 ref.)
Low L see **Parish CR**
Lowder JN see **Brown RA**
Lowe DG see **van Dam PA**
Lowe J, Landon M, Pike I, Spendlove I, McDermott H, Mayer RJ. Dementia with beta–amyloid deposition: involvement of alpha B–crystallin supports two main diseases [letter] Lancet 1990 Aug 25;336(8713):515–6
Lowe J see **Reves JG**
Lowe JE see **Anstadt MP**
Lowe JS see **Pigott TJ**
Lowenkopf EL see **Vandereycken W**
Lowenstein SR, Hunt D. Injury prevention in primary care. Ann Intern Med 1990 Aug 15;113(4):261–3 (49 ref.)
Lowenthal D. Conversation with ... David Lowenthal, MD, PhD: practical approaches to geriatric exercise [interview by Richard L. Peck] Geriatrics 1990 Aug;45(8):76, 81–2
Lowery D see **Cras P**

Lowry JE see **Schumacher MJ**
Lowry PA, Semenkovich JW, Scott LD, Zeck OF, Desai A, Lavis VR. Administration of 131I capsule via nasogastric tube in an uncooperative patient with Graves disease. AJR Am J Roentgenol 1990 Sep;155(3):611-2
Loy V see **Dieckmann KP**
Lu S, Reyes VE, Lew RA, Anderson J, Mole J, Humphreys RE, Ciardelli T. Role of recurrent hydrophobic residues in catalysis of helix formation by T cell-presented peptides in the presence of lipid vesicles. J Immunol 1990 Aug 1; 145(3):899-904
Lubat E see **Birnbaum BA**
Lubel D see **Denham MJ**
Lubetzki J see **Timsit J**
Luborsky L see **Woody G**
Lucas A see **Bishop NJ**
Lucas C, Bald LN, Fendly BM, Mora-Worms M, Figari IS, Patzer EJ, Palladino MA. The autocrine production of transforming growth factor-beta 1 during lymphocyte activation. A study with a monoclonal antibody-based ELISA. J Immunol 1990 Sep 1;145(5):1415-22
Lucas RJ, Welsh RJ, Glover JL. Unilateral neck exploration for primary hyperparathyroidism. Arch Surg 1990 Aug; 125(8):982-4; discussion 984-5
Lucchesi BR see **Homeister JW**
Lucchesi BR see **Li GC**
Luce EA. Tissue expansion for rhytidectomy [letter] Plast Reconstr Surg 1990 Sep;86(3):602-3
Luce JM see **Rubin DB**
Lucey MR see **Beresford TP**
Lucey MR see **Mitchison HC**
Luchetta R see **Atkinson MA**
Luchetta R see **Winter WE**
Lucia HL, Coppenhaver DH, Harrison RL, Baron S. The effect of an arenavirus infection on liver morphology and function. Am J Trop Med Hyg 1990 Jul;43(1):93-8
Lucib A see **Salle JL**
Lucifora G, Martines F, Calabrò S, Carroccio G, Brigandi A, de Pasquale R. HBcAg identification in the placental cytotypes of symptom-free HBsAg-carrier mothers: a study with the immunoperoxidase method. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):235-9
Lückers AE see **Jansen JB**
Luckhaus J see **Reyes A**
Luder AS see **Parker WD JR**
Luders RC see **Feliciano NR**
Ludman P, Foale R, Alexander N, Nihoyannopoulos P. Cross sectional echocardiographic identification of hypoplastic left heart syndrome and differentiation from other causes of right ventricular overload. Br Heart J 1990 Jun; 63(6):355-61
Ludolph P see **Westen D**
Ludomirsky A, Erickson C, Vick GW 3d, Cooley DA. Transesophageal color flow Doppler evaluation of cor triatriatum in an adult. Am Heart J 1990 Aug;120(2):451-5
Ludvik B see **Graf H**
Ludwig IH see **Beer PM**
Lue TF see **Aboseif SR**
Lue TF. Impotence after prostatectomy. Urol Clin North Am 1990 Aug;17(3):613-20 (31 ref.)
Luedin E see **Guentert TW**
Luethke JM see **Parker SH**
Luffau G see **Lebel B**
Lufkin RB. Severe anaphylactoid reaction to Gd-DTPA [letter] Radiology 1990 Sep;176(3):879
Luft S see **Freund MR**
Lugaresi E see **D'Alessandro R**
Luger SW. Possible Lyme carditis—not definite [letter] Arch Intern Med 1990 Aug;150(8):1755
Luger TA see **Krutmann J**
Lugo-Janer G, Cruz A, Sánchez JL. Disseminated cutaneous infection caused by Mycobacterium avium complex [letter] Arch Dermatol 1990 Aug;126(8):1108-10
Lui GM see **Jaffe GJ**
Luijten HE see **Laarman G**
Luilier M see **Dubarry M**
Luk KD see **Pun WK**
Lule GN see **Gilks CF**
Lum JN see **Campling EA**
Lumbiganon P, Wasi C. Survival after rabies immunisation in newborn infant of affected mother [letter] Lancet 1990 Aug 4;336(8710):319
Luna M see **Weber RS**
Lunan CB see **Lim BH**
Lund PK see **Hepler JE**
Lund VJ, Howard DJ. Head and neck cancer in the young: a prognostic conundrum? J Laryngol Otol 1990 Jul; 104(7):544-8
Lundberg GD. The increasing representativeness of AMA leaders [editorial] JAMA 1990 Sep 5;264(9):1153-4
Lunde I, Ortmann J. Prevalence and sequelae of sexual torture. Lancet 1990 Aug 4;336(8710):289-91
Lundh B see **Stege R**
Lundholm M, Lavrell G, Mathiasson L. Self-leveling mortar as a possible cause of symptoms associated with "sick building syndrome". Arch Environ Health 1990 May-Jun; 45(3):135-40
Lundqvist G see **Eriksson B**
Lunel-Fabiani F see **Bouvet JP**
Lunetta M see **Nicoletti F**
Lungarella G see **Martorana PA**
Lunn JS see **Fincher RM**
Lunsford LD, Kamerer DB, Flickinger JC. Stereotactic radiosurgery for acoustic neuromas. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):907-9 (9 ref.)
Luo J, Reid RE, Murphy LJ. Dexamethasone increases hepatic insulin-like growth factor binding protein-1 (IGFBP-1) mRNA and serum IGFBP-1 concentrations in the rat. Endocrinology 1990 Sep;127(3):1456-62
Luoni R see **Riccardi A**
Lupa S see **Farkas A**
Luque I see **Eguaras MG**
Lurain JR see **Ollendorff DA**
Lurie N see **Udvarhelyi IS**
Lurie SN, Doraiswamy PM, Hussain MM, Boyko OB, Ellinwood EH Jr, Figiel GS, Krishnan KR. In vivo assessment of pituitary gland volume with magnetic resonance imaging: the effect of age. J Clin Endocrinol Metab 1990 Aug;71(2):505-8
Lurie Y, Gottesfeld F, Bass DD. Benzodiazepines and fantasy [letter] Lancet 1990 Sep 1;336(8714):576
Lust G see **Steinetz BG**
Lustman C see **Guerin JM**
Luthy DA see **Nyberg DA**
Lutkin JE see **Davies H**
Lutter KS see **Kerr TM**
Lutun H see **Labrune P**
Luu-The V see **Dupont E**
Luxton R see **Mavra M**
Luyten PR, Marien AJ, Heindel W, van Gerwen PH, Herholz K, den Hollander JA, Friedmann G, Heiss WD. Metabolic imaging of patients with intracranial tumors: H-1 MR spectroscopic imaging and PET. Radiology 1990 Sep; 176(3):791-9
Lycke E see **Bergström T**
Lydiard RB see **Brady K**
Lydiard RB see **Brady kt**
Lye RH see **Saeed SR**
Lympany P, Kemeny DM, Welsh KI, Lee TH. An HLA-associated nonresponsiveness to mellitin: a component of bee venom. J Allergy Clin Immunol 1990 Aug;86(2):160-70
Lynch AM see **Eng RH**
Lynch HT, Smyrk TC, Lanspa SJ, Lynch PM, Watson P, Strayhorn PC, Bronson EK, Lynch JF, Priluck IA, Appelman HD. Phenotypic variation in colorectal adenoma/cancer expression in two families. Hereditary flat adenoma syndrome. Cancer 1990 Sep 1;66(5):909-15
Lynch JF see **Lynch HT**
Lynch PM see **Lynch HT**
Lynch R see **Steinhardt G**
Lynch TE see **Cutler NR**
Lynfield J see **Bharati S**
Lyon MG see **Uveges JM**
Lyons C, Gumpert R. Medical audit data: counting is not enough. BMJ 1990 Jun 16;300(6739):1563-6
Lyons JS see **Bareta JC**
Lyons M see **David LA**
Lystad E see **Flaten H**
Lysz TW see **Anderson RJ**
Lyttle C see **Andersen RM**

M

Ma XY see **Chantelau E**
Maatman T see **Slavis SA**
Maberry MC, Ramin SM, Gilstrap LC 3d, Leveno KJ, Dax JS. Intrapartum asphyxia in pregnancies complicated by intra-amniotic infection. Obstet Gynecol 1990 Sep;76(3 Pt 1):351-4
Maberry MC, Mason RA, Cunningham FG, Pritchard JA. Pregnancy complicated by hemoglobin CC and C-beta-thalassemia disease. Obstet Gynecol 1990 Sep;76(3 Pt 1):324-7
Mabie WC see **Barton JR**
Mac Aleese J see **Giovangrandi Y**
McAdams S see **Sato N**
Macaden R see **Raju KG**
Macallan DC see **Rowe-Jones JM**
McAnulty GB see **Albert MS**
McAnulty JH see **Poole JE**
McAnulty JH see **Silka MJ**
McArdle CS see **Aitken HA**
MacArthur C, Lewis M, Knox EG, Crawford JS. Epidural anaesthesia and long term backache after childbirth. BMJ 1990 Jul 7;301(6742):9-12
McAtee N see **Pluda JM**
McAuliffe T see **Nakajima ST**
McBride LR see **Seacord LM**
McBride RC see **Smith DR**
McCabe MJ. Use of histoacryl tissue adhesive to manage an avulsed tooth. BMJ 1990 Jul 7;301(6742):20-1
McCabe R see **Chirurgi VA**
McCaffrey TV see **Bartley GB**
McCalla S see **Minkoff HL**
McCallum RW see **Marshall BJ**
McCally M, Cassel CK. Medical responsibility and global environmental change. Ann Intern Med 1990 Sep 15; 113(6):467-73 (44 ref.)
McCamant LE see **Vollmer WM**
McCann DP, Blossom HJ. The physician as a patient educator. From theory to practice. West J Med 1990 Jul; 153(1):44-9 (59 ref.)
McCann J. Use of the colposcope in childhood sexual abuse examinations. Pediatr Clin North Am 1990 Aug; 37(4):863-80 (36 ref.)
McCann J, Wells R, Simon M, Voris J. Genital findings in prepubertal girls selected for nonabuse: a descriptive study. Pediatrics 1990 Sep;86(3):428-39
McCarrick J see **Knowles BB**
McCarthy JF see **Coultas DB**
McCarthy JT see **Rastogi S**
McCarthy MJ, Pulido JS, Soukup B. The use of ureter stone forceps to remove a large intraocular foreign body. Am J Ophthalmol 1990 Aug 15;110(2):208-9
McCarthy SM see **Kier R**
McCarthy SW see **Harrison HC**
McCarthy WJ see **Baxter BT**
McCaughan GW see **McDonald JA**
McCaughan L. Lasers in photodynamic therapy. Nurs Clin North Am 1990 Sep;25(3):725-38 (25 ref.)
McCauslin MA see **Hopper KD**
McClain D see **el Meanawy MA**
McCleane GJ, Watters CH. Pre-operative anxiety and serum potassium. Anaesthesia 1990 Jul;45(7):583-5
McClennan BL. Diagnostic imaging evaluation of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug; 17(3):517-36 (56 ref.)
McClintic K see **Mortel KF**
McColgan SJ see **Eugene J**
McComb JM see **Day CP**
McCombs PR see **Calligaro KD**
McConahay DR see **Kahn JK**
McConkey DJ, Orrenius S, Jondal M. Agents that elevate cAMP stimulate DNA fragmentation in thymocytes. J Immunol 1990 Aug 15;145(4):1227-30
McConnachie RW. Organisation of audit in North Derbyshire District Health Authority. BMJ 1990 Jun 16; 300(6739):1566-8
McConnell JD. Androgen ablation and blockade in the treatment of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug;17(3):661-70 (40 ref.)
McConnell TJ see **Ezquerra A**
McCormack WM see **Covino JM**
McCormick AQ see **Gibson DL**
McCormick B see **Ryu J**
McCormick M see **DeGroot LJ**
McCormick PA see **Blake JC**
McCoshen J, Patalas E, Markoff E, Lee D, Ming Y. Comparisons of glycosylated and nonglycosylated amniotic fluid prolactins in normal second- and third-trimester pregnancies. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):81-5
McCracken GH Jr see **Mustafa MM**
McCready VR see **Flower MA**
McCredie K see **Spinolo JA**
McCreight PH see **Lischke JH**
McCrirrick A, Hunter S. Pain on injection of propofol: the effect of injectate temperature. Anaesthesia 1990 Jun; 45(6):443-4
McCrory DW see **Woolson ST**
McCue JL, Thomson JP. Rectopexy for internal rectal intussusception. Br J Surg 1990 Jun;77(6):632-4
MacCuish AC see **Quin JD**
McCullough AJ see **Imperiale TF**
McCusker J, Koblin B, Lewis BF, Sullivan J. Demographic characteristics, risk behaviors, and HIV seroprevalence among intravenous drug users by site of contact: results from a community-wide HIV surveillance project. Am J Public Health 1990 Sep;80(9):1062-7
McCutchan HJ, Fisher RC. Synovial leukocytosis in infectious arthritis. Clin Orthop 1990 Aug;(257):226-30
McCutchan JA see **Chiu J**
McDermott H see **Lowe J**
McDermott MT, West SG, Emlen JW, Kidd GS. Antideoxyribonucleic acid antibodies in Graves' disease. J Clin Endocrinol Metab 1990 Aug;71(2):509-11
McDevitt DG see **Lipworth BJ**
McDicken WN see **Whitby LG**
MacDonagh RP, Sun WM, Smallwood R, Forster D, Read NW. Control of defecation in patients with spinal injuries by stimulation of sacral anterior nerve roots. BMJ 1990 Jun 9;300(6738):1494-7
MacDonald A see **Williams J**
McDonald C see **Conte JE Jr**
MacDonald DM see **Tidman MJ**
McDonald GB see **Bianco JA**
MacDonald HL see **Aitken RJ**
Macdonald HN see **Barrett JF**
McDonald JA, Painter DM, Gallagher ND, McCaughan GW. Nodular regenerative hyperplasia mimicking cirrhosis of the liver. Gut 1990 Jun;31(6):725-7
McDonald JT see **Hathcock JN**
MacDonald KL see **Hedberg K**
McDonald TP see **Jackson CW**
MacDonald TT see **Viney J**
McDonald TV see **Fischell TA**
McDonald WI see **Thompson AJ**
McDonnell N see **Bauer LA**
McDonnell PJ see **Oldenburg JB**
McDonnell PJ see **Wells AD**
MacDougall J, Hodson ME, Pitt TL. Antibody response of fibrocystic patients to homologous 0-typable and 0-defective isolates of Pseudomonas aeruginosa. J Clin Pathol 1990 Jul;43(7):567-71

McDowell MA see **Lewis CJ**
McDowell TS see **Xie PL**
McDuffie E see **Cooper HL**
McElvein RB. Invited letter concerning: lymph node metastasis in resectable esophageal disease [letter; comment] J Thorac Cardiovasc Surg 1990 Aug; 100(2):314–6. Comment on: J Thorac Cardiovasc Surg 1990 Aug;100(2):287–9.
McElwain TJ see **Jones A**
McEvoy KM see **Armon C**
McEvoy R see **Rubinstein P**
McEwan L, Smith JG, Matthews JP. Late recurrence of localized cutaneous melanoma: its influence on follow-up policy. Plast Reconstr Surg 1990 Sep;86(3):527–34
(Macewen W), Gibson T. Evolution of catgut ligatures: the endeavours and success of Joseph Lister and William Macewen. Br J Surg 1990 Jul;77(7):824–5
McFarland LV, Surawicz CM, Stamm WE. Risk factors for Clostridium difficile carriage and C. difficile-associated diarrhea in a cohort of hospitalized patients. J Infect Dis 1990 Sep;162(3):678–84
McFarland-Starr EC see **Peters LL**
Macfarlane DG see **Sakkas LI**
Macfarlane GT see **Gibson GR**
McGaghie WC see **Herbert WN**
McGahren ED see **Johnson AM**
McGarry GW. Genital tumors among men with psoriasis exposed to PUVA [letter] N Engl J Med 1990 Sep 6; 323(10):684–5
McGee GS see **Baxter BT**
McGillem MJ see **Kalbfleisch SJ**
McGinn JT Jr see **Davidson PG**
McGlashan TH, Williams PV. Predicting outcome in schizoaffective psychosis. J Nerv Ment Dis 1990 Aug; 178(8):518–20
McGlaughlin VG see **Epperly TD**
McGlave PB see **Weisdorf DJ**
McGough EC see **Vernon DD**
McGough EK, Banner MJ, Boysen PG. Pressure support and flow-cycled, assisted mechanical ventilation in acute lung injury. Chest 1990 Aug;98(2):458–62
McGowan DN see **Wyatt D**
McGowan JF see **Uveges JM**
MacGowan WA. Impact of AIDS on surgery [news] Br J Surg 1990 Jul;77(7):748
MacGowen AP, Reeves DS, McLauchlin J. Antibiotic resistance of Listeria monocytogenes [letter] Lancet 1990 Aug 25;336(8713):513–4
McGrath KG see **Patterson R**
McGraw ME see **Moss GD**
MacGregor GA see **Cappuccio FP**
McGregor SE see **Duggan MA**
McGuiness S see **Yates DW**
McGuinness OP; discussion 51S–53S, Cherrington AD. Effect of glyburide on hepatic glucose metabolism. Am J Med 1990 Aug 20;89(2A):26S–37S (58 ref.)
McGuire EJ see **Bloom DA**
McGuire MB see **Rowley BD**
McGurk M, Williams RG. Attitudes to chemotherapy [letter] BMJ 1990 Jul 7;301(6742):46
Machavoine F see **Lebel B**
Machin SJ see **Bird JM**
Machy P, Bizozzero JP, Reggio H, Leserman L. Endocytosis and recycling of MHC-encoded class II molecules by mouse B lymphocytes. J Immunol 1990 Sep 1;145(5):1350–5
Macina G see **Schreiber TL**
McInnes G see **Nimmo GR**
McIntosh LG see **Udwadia ZF**
McIntosh N, Mitchell V. A clinical trial of two parenteral nutrition solutions in neonates. Arch Dis Child 1990 Jul; 65(7 Spec No):692–9
McIntyre A see **Steadman C**
McIntyre BW see **Davis LS**
McIntyre M see **Scully JM**
McIntyre N see **Blake JC**
McIntyre S see **Taylor CJ**
Mack LA see **See WA**
McKay P see **Lim L**
McKelvey RS. The coming crisis in funding child psychiatry training. Am J Psychiatry 1990 Sep;147(9):1220–4
McKenna DM see **Hibbard BM**
McKenna PH see **McLorie GA**
McKenna PJ see **Kerr TM**
McKenna WJ see **Lemery R**
MacKenzie AP see **Jackson JC**
McKenzie FN see **Reid KR**
Mackenzie IZ see **Hill NC**
Mackenzie JR see **Rhee KJ**
Mackenzie JW, Bird J. Beta-adrenoceptor blocking agents and anxiolysis [letter] Anaesthesia 1990 Jul;45(7):600–1
MacKenzie RG. Approach to the adolescent in the clinical setting. Med Clin North Am 1990 Sep;74(5):1085–95 (9 ref.)
Mackety CJ. Lasers in urology. Nurs Clin North Am 1990 Sep;25(3):697–709 (8 ref.)
Mackie ID. Clinical trials for patients with AIDS or HIV infection [letter] Can Med Assoc J 1990 Aug 1;143(3):173–4
Mackie MJ see **Juliusson G**
McKiernan J see **O'Mahony D**
McKinlay AW, Upadhyay R, Gemmell CG, Russell RI. Helicobacter pylori: bridging the credibility gap. Gut 1990 Aug;31(8):940–5 (91 ref.)
McKinney RE see **Walter EB**
McKinnon AD, Simpson JG. Light and electron microscopic demonstration of immune deposits in renal tissue [letter] J Clin Pathol 1990 Jun;43(6):520
Mackintosh P see **Caffrey C**
Macklem PT. The importance of defining respiratory muscle fatigue [editorial; comment] Am Rev Respir Dis 1990 Aug; 142(2):274. Comment on: Am Rev Respir Dis 1990 Aug;142(2):474–80.
McKneally MF see **Janerich DT**
McKnight L. Intrauterine growth retardation and umbilical artery flow [letter] BMJ 1990 Jun 9;300(6738):1525
Macknin ML, Mathew S, Medendorp SV. Effect of inhaling heated vapor on symptoms of the common cold. JAMA 1990 Aug 22–29;264(8):989–91
McLain BI, Davidson PM, Stokes KB, Beasley SW. Growth after gut resection for Crohn's disease. Arch Dis Child 1990 Jul;65(7):760–2
McLain R, Buckwalter J, Platz CE. Synovial sarcoma of the knee: missed diagnosis despite biopsy and arthroscopic synovectomy. A case report. J Bone Joint Surg [Am] 1990 Aug;72(7):1092–4
McLane NJ, Howard LJ. Ophthalmomyiasis interna lentis. South Med J 1990 Aug;83(8):963–5 (209 ref.)
MacLaren IF. Edinburgh is synonymous with medical history [letter] Can Med Assoc J 1990 Aug 15;143(4):256
Maclaren NK see **Atkinson MA**
McLarty DG see **Kawo NG**
McLauchlin J see **MacGowen AP**
McLean CS, Churcher MJ, Meinke J, Smith GL, Higgins G, Stanley M, Minson AC. Production and characterisation of a monoclonal antibody to human papillomavirus type 16 using recombinant vaccinia virus. J Clin Pathol 1990 Jun;43(6):488–92
McLellan AT see **Woody G**
McLelland R see **Dodd GD**
MacLeod AD see **Worsley MH**
Macleod KG see **Robinson PN**
McLerran D see **Malenka DJ**
McLorie GA see **Abara E**
McLorie GA, McKenna PH, Jumper BM, Churchill BM, Gilmour RF, Khoury AE. High grade vesicoureteral reflux: analysis of observational therapy. J Urol 1990 Aug;144(2 Pt 2):537–40; discussion 545
McLorie GA see **Jumper BM**
McLorie GA see **Khoury AE**
McLorie GA see **Merguerian PA**
McLorie GA see **Sheldon CA**
McMahon MJ see **Larvin M**
McManamny DS see **Cole WG**
McManis PG see **Armon C**
McManus AT see **Chu CS**
McManus BM see **Rogers JG**
MacManus DG see **Thompson AJ**
McMenemy AM see **Goldstein R**
McMillan AK, Goldstone AH, Linch DC, Gribben JG, Patterson KG, Richards JD, Franklin I, Boughton BJ, Milligan DW, Leyland MM, et al. High-dose chemotherapy and autologous bone marrow transplantation in acute myeloid leukemia. Blood 1990 Aug 1;76(3):480–8
McMillan DD see **Fenton TR**
McMillan JH see **Cox GG**
McMillen JI see **Feliciano N**
McMorrow O see **Tohill J**
McMurray LW, Kernodle DS, Barg NL. Characterization of a widespread strain of methicillin-susceptible Staphylococcus aureus associated with nosocomial infections. J Infect Dis 1990 Sep;162(3):759–62
McNamara JM see **Hewson PH**
McNeal J see **Jones EC**
McNeal J. Pathology of benign prostatic hyperplasia. Insight into etiology. Urol Clin North Am 1990 Aug;17(3):477–86 (10 ref.)
McNeese M see **Stotter A**
McNeil BJ see **Rifkin MD**
McNeil JS see **Williams HL**
Macneil P see **Langdorf MI**
McNeil RJ see **Deane SA**
McNeill AD, Owen LA, Belcher M, Sutherland G, Fleming S. Abstinence from smoking and expired-air carbon monoxide levels: lactose intolerance as a possible source of error [see comments] Am J Public Health 1990 Sep; 80(9):1114–5. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.
MacNeill AL see **Rowlands P**
MacNeill D see **Orr A**
McNellis D see **Ewigman B**
McNiece I see **Ulich TR**
McNulty A see **Schreiber TL**
Maconochie I see **Yuksel B**
McPhee SJ see **Jenkins CN**
McQueen MM see **Court-Brown CM**
Macrae D see **Huggon I**
McRae DM see **Berman SM**
McRae MA see **Visnesky PM**
McRitchie DI see **Teodorczyk-Injeyan JA**
Macsai MS see **Varley GA**
McShane DJ see **Bloch DA**
McShane DJ see **Lightfoot RW Jr**
MacSween HM see **Leighton PM**
McVeagh P see **Miller JJ**
Madden M see **Marano MA**
Madden MR see **Staiano-Coico L**
Maddocks A see **Gil-Rodriguez J**
Maddox PR, Motley RJ. Sweet's syndrome: a severe complication of pneumococcal vaccination following emergency splenectomy. Br J Surg 1990 Jul;77(7):809–10
Madej G. Treatment of testicular cancer in Poland [letter] Lancet 1990 Aug 18;336(8712):440
Madhoun ZT see **Arafah BM**
Madsen GM see **Andersen C**
Madsen JK see **Clemmensen P**
Madsen PO see **Christensen MM**
Madsen T see **Kruse-Andersen S**
Madwed D see **Sostman HD**
Maeda H see **Matsuki K**
Maessen JG see **Greve JW**
Maffei S see **DeCaterina R**
Mafoyane NA see **Louw JA**
Magdinec M see **Hassenbusch SJ**
Magelli C see **D'Alessandro R**
Magelssen D see **Henley CE**
Magid D, Behrman A, Stemhagen A, Jacobson S. AIDS education in the emergency department. Ann Emerg Med 1990 Jul;19(7):758–63
Magnani B see **D'Alessandro R**
Magnani G see **Zella D**
Magnani M, Stocchi V. Hexokinase: one gene or two [letter] Blood 1990 Aug 15;76(4):854–5
Magness RR see **Mustafa MM**
Magni E see **Zanetti AR**
Magni V see **Morgan BM**
(Magnus V) Fodstad H, Ljunggren B, Kristiansen K. Vilhelm Magnus—pioneer neurosurgeon. J Neurosurg 1990 Sep; 73(3):317–30
Magos AL. Management of menorrhagia. BMJ 1990 Jun 16; 300(6739):1537–8 (60 ref.)
Magrini O see **Venturoli S**
Magrini U see **Riccardi A**
Maha M see **Pluda JM**
Mahalingam R, Wellish M, Wolf W, Dueland AN, Cohrs R, Vafai A, Gilden D. Latent varicella-zoster viral DNA in human trigeminal and thoracic ganglia. N Engl J Med 1990 Sep 6;323(10):627–31
Mahan C, Spector SL, Siegel SC, Katz RM, Rachelefsky GS, Rohr AS. Multi-Test versus Morrow Brown needle [letter] J Allergy Clin Immunol 1990 Aug;86(2):275–7
Mählck CG, Grankvist K, Kjellgren O, Bäckström T. Relationship between CA 125 and progesterone production in women with ovarian carcinoma. Cancer 1990 May 1; 65(9):2058–63
Mahmud R, Hsia PW, Jolly SR, Jordan JC. Changes in transmyocardial impedance during prolonged ventricular fibrillation. Implications for current flow and delivered energy during DC countershock. Am Heart J 1990 Aug; 120(2):334–9
Mahoney M see **Pentland AP**
Mahony BS see **Nyberg DA**
Mahony PJ. Freud's major case histories [letter] Am J Psychiatry 1990 Aug;147(8):1109–10
Mai M see **Minamoto T**
Maier D. Association between autoantibodies and unexplained infertility unproved [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):243
Maier WP, Gordon DS, Howard RF, Saleh MN, Miller SB, Lieberman JD, Woodlee PM. Intravenous immunoglobulin therapy in systemic lupus erythematosus-associated thrombocytopenia. Arthritis Rheum 1990 Aug;33(8):1233–9
Maillard P see **Bouvet JP**
Maillet JO see **Webb LC**
Mailliard JA see **Martin JK Jr**
Maillot A see **Bourlière M**
Main AN see **Ardron ME**
Main JA, Main PG. Health checks in general practice [letter] BMJ 1990 Jun 9;300(6738):1526
Main PG see **Main JA**
Maina A, Donvito V, Giachino O, Stratta P, Camaschella C. Thrombotic thrombocytopenic purpura in pregnancy with maternal and fetal survival. Case report. Br J Obstet Gynaecol 1990 May;97(5):443–5
Maini RN see **Allard SA**
Maio M, Pinto A, Carbone A, Zagonel V, Gloghini A, Marotta G, Cirillo D, Colombatti A, Ferrara F, Del Vecchio L, et al. Differential expression of CD54/intercellular adhesion molecule-1 in myeloid leukemias and in lymphoproliferative disorders. Blood 1990 Aug 15; 76(4):783–90
Mair EA, Parsons DS, Lally KP. Treatment of severe bronchomalacia with expanding endobronchial stents. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1087–90
Maise R see **Barone JG**
Maistrelli GL, Gerundini M, Fusco U, Bombelli R, Bombelli M, Avai A. Valgus-extension osteotomy for osteoarthritis of the hip. Indications and long-term results. J Bone Joint Surg [Br] 1990 Jul;72(4):653–7
Maitre PO, Shafer SL. A simple pocket calculator approach to predict anesthetic drug concentrations from pharmacokinetic data. Anesthesiology 1990 Aug; 73(2):332–6
Maj M see **Rossi A**
Majd M see **Cohen RA**
Majeed SA. External fixation of the injured pelvis. The functional outcome. J Bone Joint Surg [Br] 1990 Jul; 72(4):612–4

Major C see **Stern JL**
Majumdar B see **Soussi AC**
Majumdar G, Heard SE, Slater NG. Reversible hyperpigmentation associated with high dose hydroxyurea. BMJ 1990 Jun 2;300(6737):1468
Majumdar G see **Kotb M**
Majzoub JA see **Michie HR**
Mäkinen J see **Böstman O**
Mäkinen L, Mäkipernaa A, Rautonen J, Heino M, Pyrhönen S, Laitinen LA, Siimes MA. Long-term cardiac sequelae after treatment of malignant tumors with radiotherapy or cytostatics in childhood. Cancer 1990 May 1;65(9):1913-7
Makino I see **Iwashima Y**
Makino S, Sasaki K, Nakayama T, Oka S, Urano T, Kimura M, Kawana R, Yamamura AM. A new combined trivalent live measles (AIK-C strain), mumps (Hoshino strain), and rubella (Takahashi strain) vaccine. Findings in clinical and laboratory studies. Am J Dis Child 1990 Aug;144(8):905-10
Makino T see **Kuwazuru Y**
Makinodan T see **Geokas MC**
Mäkipernaa A see **Mäkinen L**
Makita K see **Furui S**
Makley TA see **Walker J**
Makris M. Safety of antithrombin III concentrate [letter] Blood 1990 Aug 1;76(3):649-50
Makuch RW see **Roberts RB**
Mal H see **Sleiman C**
Malangoni MA see **Cué JI**
Malanin G, Kalimo K. Was the candy really responsible for the anaphylaxis in a cottonseed-sensitive patient? [letter] J Allergy Clin Immunol 1990 Aug;86(2):277-8
Malapert D see **Djindjian M**
Malasky C, Jordan T, Potulski F, Reichman LB. Occupational tuberculous infections among pulmonary physicians in training. Am Rev Respir Dis 1990 Sep;142(3):505-7
Malavasi F see **Alessio M**
Malcolm AJ see **Wood DJ**
Malcolm S see **Pelham A**
Maldonado J see **Gill B**
Malech HL see **Rex JH**
Malek TR see **Codias EK**
Malenka DJ, Roos N, Fisher ES, McLerran D, Whaley FS, Barry MJ, Bruskewitz R, Wennberg JE. Further study of the increased mortality following transurethral prostatectomy: a chart-based analysis. J Urol 1990 Aug; 144(2 Pt 1):224-7; discussion 228
Malesci A see **Braga M**
Malhotra I see **el Meanawy MA**
Malinoski FJ see **Hoke CH Jr**
Malkowicz SB, Nichols P, Lieskovsky G, Boyd SD, Huffman J, Skinner DG. The role of radical cystectomy in the management of high grade superficial bladder cancer (PA, P1, PIS and P2). J Urol 1990 Sep;144(3):641-5
Mallet E. Hypercalcitoninemia in acutely ill children [letter] J Pediatr 1990 Aug;117(2 Pt 1):337
Mallol J see **Lafuente A**
Mallon BS see **Hinton RJ**
Malloy CR see **Eichhorn EJ**
Malmgren LT see **Mortelliti AJ**
Malo JL see **Manning PJ**
Malone DE see **Becker CD**
Malone JM see **Bunt TJ**
Maloney WJ, Jasty M, Harris WH, Galante JO, Callaghan JJ. Endosteal erosion in association with stable uncemented femoral components. J Bone Joint Surg [Am] 1990 Aug; 72(7):1025-34
Maloney WJ see **Woolson ST**
Malot N see **Dubarry M**
Maltais F, Laberge F, Cormier Y. Blood hypereosinophilia in the course of posttraumatic pleural effusion. Chest 1990 Aug;98(2):348-51
Malter JS see **Lampertico P**
Mamelak M see **Boyd AJ**
Mamelle N, Meunier PJ, Netter P. Fluoride and vertebral fractures [letter] Lancet 1990 Jul 28;336(8709):243
Mamoudou HD see **Develoux M**
Man PL. Postponement of death [letter] JAMA 1990 Aug 8;264(6):695
Manabe T see **Ohshio G**
Manabe Y, Yoshida Y. Morphologic study of changes of collagenous tissue in the amnion and cervix during prostaglandin-induced abortion and delivery. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):52-6
Manahan J see **Cantor JO**
Manca G see **Massimo CG**
Mancha A see **Ulibarri JI**
Mancini GB see **Kalbfleisch SJ**
Mancini GB see **Williams DO**
Manco-Johnson MJ see **Roos KL**
Mandel AR, Nymark JR, Balmer SJ, Grinnell DM, O'Riain MD. Electromyographic versus rhythmic positional biofeedback in computerized gait retraining with stroke patients. Arch Phys Med Rehabil 1990 Aug;71(9):649-54
Mandel S. Overuse syndrome in musicians. When playing an instrument hurts. Postgrad Med 1990 Aug;88(2):111-4
Mandelbaum S see **Duffner LR**
Mandelbrot DA, Smythe WR, Norman SA, Martin SC, Arnold RM, Talbot GH, Stolley PD. A survey of exposures, practices and recommendations of surgeons in the care of patients with human immunodeficiency virus. Surg Gynecol Obstet 1990 Aug;171(2):99-106
Mandell GL see **Sullivan GW**
Mandell J see **Jung WH**
Manders EK see **Fedok FG**
Mandler RN see **Raroque HG Jr**
Mandrekar P see **Charak BS**
Mandrell RE see **Apicella MA**
Mandybur TI, Nazek M. Cerebral arteriovenous malformations. A detailed morphological and immunohistochemical study using actin. Arch Pathol Lab Med 1990 Sep;114(9):970-3
Manetta A see **Misas JE**
Manetta A see **Walker JL**
Mangan TF, Colley AT, Wytock DH. Antibiotic-associated acute necrotizing esophagitis [letter] Gastroenterology 1990 Sep;99(3):900
Mangelsdorff AD see **Kroenke K**
Mangge H, Beaufort F, Neubauer M, Samitz M, Schauenstein K. Peripheral blood lymphocytes of nonleukemic lymphoma patients exhibit aberrant expression of T-cell activation markers after polyclonal stimulation in vitro. Cancer 1990 Aug 15;66(4):677-83
Mangia A see **Eng RH**
Mangiante EC see **Fabian TC**
Mangiantini A see **Toscano V**
Mangione T see **Howland J**
Maniscalco-Theberge ME see **Ochsner MG**
Manivel JC see **Essenfeld H**
Manivel JC see **Swanson PE**
Mankin HJ see **Mulroy RD**
Manley CB see **Gunter JB**
Manley DR see **Zubcov AA**
Mann DE see **Florek RC**
Mann JJ see **Jones JS**
Mann KG, Williams EB, Krishnaswamy S, Church W, Giles A, Tracy RP. Active site-specific immunoassays. Blood 1990 Aug 15;76(4):755-66
Mann LI see **Lazebnik N**
Mann LS see **Wise TN**
Mannel RS see **Walker JL**
Manning DR see **Williams AG**
Manning PJ, Rokach J, Malo JL, Ethier D, Cartier A, Girard Y, Charleson S, O'Byrne PM. Urinary leukotriene E4 levels during early and late asthmatic responses. J Allergy Clin Immunol 1990 Aug;86(2):211-20
Mannion BA, Weiss J, Elsbach P. Separation of sublethal and lethal effects of polymorphonuclear leukocytes on Escherichia coli. J Clin Invest 1990 Aug;86(2):631-41
Mano K see **Sugimura K**
Mano T see **Tokuda N**
Manoguerra AS. Full thickness skin burns secondary to an unusual exposure to diquat dibromide. J Toxicol Clin Toxicol 1990;28(1):107-10
Manolas EG see **Warren RJ**
Manoli A 2d. Torsional strength of the ankle in vitro [letter] Clin Orthop 1990 Aug;(257):310-1
Manolio TA see **Horneffer PJ**
Manolio TA see **Wagenknecht LE**
Manor RS. Nonarteritic ischemic optic neuropathy in identical female twins: improvement of visual outcome in one by optic nerve decompression [letter] Arch Ophthalmol 1990 Aug;108(8):1067-8
Manouras AJ see **Stamatiadis AP**
Manouvrier S see **Dumur V**
Mansfield P see **Johnson IR**
Mansfield P see **Stehling MK**
Mantingh A see **Houwert-de Jong MH**
Mantovani B see **Venturoli S**
Mantzaris GJ, Karagiannis JA, Priddle JD, Jewell DP. Cellular hypersensitivity to a synthetic dodecapeptide derived from human adenovirus 12 which resembles a sequence of A-gliadin in patients with coeliac disease. Gut 1990 Jun;31(6):668-73
Manusov EG. Clinical applications of hypnotherapy. J Fam Pract 1990 Aug;31(2):180-4 (25 ref.)
Manzella BA see **Bailey WC**
Maraganore J see **Weitz JI**
Maran AG. Head and neck surgery: an encyclopaedia of ignorance. J Laryngol Otol 1990 Jul;104(7):529-33
Marano MA, O'Sullivan G, Madden M, Finkelstein J, Goodwin CW. Tourniquet technique for reduced blood loss and wound assessment during excisions of burn wounds of the extremity. Surg Gynecol Obstet 1990 Sep; 171(3):249-50
Maraud L see **Haissaguerre M**
Marban E see **Koretsune Y**
Marcelletti C, Corno A, Giannico S, Marino B. Inferior vena cava-pulmonary artery extracardiac conduit. A new form of right heart bypass [see comments] J Thorac Cardiovasc Surg 1990 Aug;100(2):228-32. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):313-4.
March RJ see **Watters JM**
Marchesi L see **Naldi L**
Marchesi S see **Conboy J**
Marchesi SL, Conboy J, Agre P, Letsinger JT, Marchesi VT, Speicher DW, Mohandas N. Molecular analysis of insertion/deletion mutations in protein 4.1 in elliptocytosis. I. Biochemical identification of rearrangements in the spectrin/actin binding domain and functional characterizations. J Clin Invest 1990 Aug;86(2):516-23
Marchesi VT see **Marchesi SL**
Marchette NJ, Dubois DR, Larsen LK, Summers PL, Kraiselburd EG, Gubler DJ, Eckels KH. Preparation of an attenuated dengue 4 (341750 Carib) virus vaccine. I. Pre-clinical studies. Am J Trop Med Hyg 1990 Aug; 43(2):212-8
Marco F see **Abdalla S**
Marco J see **Miralles P**
Marcus DM see **O'Brien JM**
Marcus MD see **Coplen DE**
Marcus R see **Bachrach LK**
Marcus RH, Neumann A, Borow KM, Lang RM. Transmitral flow velocity in symptomatic severe aortic regurgitation: utility of Doppler for determination of preclosure of the mitral valve. Am Heart J 1990 Aug;120(2):449-51
Marcus RT, Pawade J, Vella EJ. Painful lymphatic occlusion following axillary lymph node surgery. Br J Surg 1990 Jun;77(6):683
Marder SR see **Van Putten T**
Marder VJ see **Francis CW**
Mardesich P see **Quinlan PM**
Mares P see **Gris JC**
Maresh MJ see **Mason GC**
Margara R see **Dimitry ES**
Margioris AN, Brockmann G, Kalogeras KT, Fjellestad-Paulsen A, Stratakis CA, Vamvakopoulos N, Chrousos GP. Effect of hypertonic saline infusion on the level of immunoreactive dynorphin in extracted human plasma. J Clin Endocrinol Metab 1990 Aug;71(2):298-304
Margolis DM, Melnick DA, Alling DW, Gallin JI. Trimethoprim-sulfamethoxazole prophylaxis in the management of chronic granulomatous disease. J Infect Dis 1990 Sep;162(3):723-6
Margolis KL, Nichol KL, Poland GA, Pluhar RE. Frequency of adverse reactions to influenza vaccine in the elderly. A randomized, placebo-controlled trial. JAMA 1990 Sep 5;264(9):1139-41
Margolis KL see **Nichol KL**
Mari G see **Smith LG Jr**
Maria B see **Cabrol D**
Maricq HR. Geographic clustering of scleroderma. Br J Rheumatol 1990 Aug;29(4):241-3
Marien AJ see **Luyten PR**
Marín BV see **Pérez-Stable EJ**
Marín G see **Pérez-Stable EJ**
Marinkovich VA. Allergy screening tests [letter] West J Med 1990 Jul;153(1):87-8
Marino B see **Ferrazza A**
Marino B see **Marcelletti C**
Marino P see **Kass DA**
Marino S see **Carpentiere G**
Mariotti M see **Lefrère JJ**
Mark AL. Cyclosporine, sympathetic activity, and hypertension [editorial; comment] N Engl J Med 1990 Sep 13;323(11):748-50. Comment on: N Engl J Med 1990 Seo 13;323(11):693-9.
Mark DB see **Honan MB**
Mark DB see **O'Connor CM**
Mark EJ see **Sherman ME**
Markello TC see **Sonies BC**
Markman B. Symptoms of reactogenicity in field trial of oral cholera vaccine [letter] Lancet 1990 Aug 4;336(8710):320
Markman M see **Rubin SC**
Markoff E see **Haro LS**
Markoff E see **McCoshen J**
Markolf KL see **Kody MH**
Markowitz ME, Weinberger HL. Immobilization-related lead toxicity in previously lead-poisoned children. Pediatrics 1990 Sep;86(3):455-7
Markowitz MH see **Feigert JM**
Markowitz N see **Lee HH**
Marks A see **Rinfret A**
Marks JD see **Rubin DB**
Marks LF, Heath PJ. An unusual pulse oximeter artifact [letter] Anaesthesia 1990 Jun;45(6):501
Marks MP, Lane B, Steinberg GK, Chang PJ. Hemorrhage in intracerebral arteriovenous malformations: angiographic determinants. Radiology 1990 Sep;176(3):807-13
Marks PV see **Pollard SG**
Marks S see **Katz PG**
Marks WH see **Taylor KJ**
Markus MB see **Freese JA**
Marle C see **Vidailhet MJ**
Marliss EB, Métroz-Dayer MD, Montambault M, Faucher M, Grose M. Effects of single and repeated blood withdrawals on circulating mononuclear cells in BB rats. Failure to prevent diabetes despite acute changes in counts. Diabetes 1990 Sep;39(9):1099-105
Marmor MF, Jacobson SG, Foerster MH, Kellner U, Weleber RG. Diagnostic clinical findings of a new syndrome with night blindness, maculopathy, and enhanced S cone sensitivity. Am J Ophthalmol 1990 Aug 15;110(2):124-34
Marmur JD see **Sanborn TA**
Maron BJ. Q waves in hypertrophic cardiomyopathy: a reassessment [editorial; comment] J Am Coll Cardiol 1990 Aug;16(2):375-6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):368-74.
Marosi M see **Salturi L**
Marotta G see **Maio M**
Marquart JA, Franco KN, Carroll BT. The influence of applicants' gender on medical school interviews. Acad Med 1990 Jun;65(6):410-1
Marquet JF, Forton GE, Offeciers FE, Moeneclaey LL. The solitary schwannoma of the eighth cranial nerve. An immunohistochemical study of the cochlear nerve-tumor

interface. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1023–5
Marr JJ see **Gallerano RH**
Marra MN see **Pereira HA**
Marranci P see **Massimo CG**
Marrano D see **Minni F**
Marsál K see **Stale H**
Marsal M see **Monso E**
Marsh J, Donnan PT, Hamer-Hodges DW. Association between transfusion with plasma and the recurrence of colorectal carcinoma. Br J Surg 1990 Jun;77(6):623–6
Marsh MN see **Loft DE**
Marsh WL see **Killeen RM**
Marsh WL Jr see **Allenby PA**
Marsh WR see **Cascino GD**
Marshall BJ, Barrett LJ, Prakash C, McCallum RW, Guerrant RL. Urea protects Helicobacter (Campylobacter) pylori from the bactericidal effect of acid. Gastroenterology 1990 Sep;99(3):697–702
Marshall FF see **Oesterling JE**
Marshall JB, Kretschmar JM, Diaz-Arias AA. Gastroesophageal reflux as a pathogenic factor in the development of symptomatic lower esophageal rings. Arch Intern Med 1990 Aug;150(8):1669–72
Marshall JC see **Dalkin AC**
Marshall L see **Hoyt DB**
Marshall SE see **Kramer MR**
Marshburn PB see **Miller CG**
Marteau P see **Beaugerie L**
Marteau TM. Screening in practice: Reducing the psychological costs. BMJ 1990 Jul 7;301(6742):26–8
Martel D see **Whitman GJ**
Martel JK see **Licht JD**
Martelli V see **Meloni L**
Martens M, Faro S. Cefotetan and the lack of associated bleeding [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):251–2
Marti RK, Raaymakers EL, Nolte PA. Malunited ankle fractures. The late results of reconstruction. J Bone Joint Surg [Br] 1990 Jul;72(4):709–13
Marti Huedo F see **Guijarro Jorge R**
Martier SM see **Wolfe HM**
Martigny J see **Lagier F**
Martikainen H see **Rönnberg L**
Martikainen P, Isaacs JT. An organ culture system for the study of programmed cell death in the rat ventral prostate. Endocrinology 1990 Sep;127(3):1268–77
Martin A, Huber GK, Davies TF. Induction of human thyroid cell ICAM-1 (CD54) antigen expression and ICAM-1-mediated lymphocyte binding. Endocrinology 1990 Aug;127(2):651–7
Martin AL, Kudesia G. Enzyme linked immunosorbent assay for detecting adenoviruses in stool specimens: comparison with electron microscopy and isolation. J Clin Pathol 1990 Jun;43(6):514–5
Martin B see **Meignier B**
Martin C see **Albanese J**
Martin CA see **Kuchroo VK**
Martin CE. The nursing shortage: dynamics and solutions. A response from an educational perspective. Nurs Clin North Am 1990 Sep;25(3):561–8
Martin CM see **Kivikoski AI**
Martin D see **Strichartz GR**
Martin GD, Cogbill TH, Landercasper J, Strutt PJ. Prospective analysis of rural interhospital transfer of injured patients to a referral trauma center. J Trauma 1990 Aug;30(8):1014–9; discussion 1019–20
Martin J see **Barrett A**
Martin JG see **Hill LM**
Martin JG see **Sapienza S**
Martin JK Jr, O'Connell MJ, Wieand HS, Fitzgibbons RJ Jr, Mailliard JA, Rubin J, Nagorney DM, Tschetter LK, Krook JE. Intra-arterial floxuridine vs systemic fluorouracil for hepatic metastases from colorectal cancer. A randomized trial. Arch Surg 1990 Aug;125(8):1022–7
Martin JL, Baxter RC. Production of an insulin-like growth factor (IGF)-inducible IGF-binding protein by human skin fibroblasts. Endocrinology 1990 Aug;127(2):781–8
Martin JN Jr see **Miles JF Jr**
Martin L see **Requena L**
Martin LD see **Tobias JD**
Martin LE see **Pereira HA**
Martin LF, Klim CM, Vannucci SJ, Dixon LB, Landis JR, LaNoue KF. Alterations in adipocyte adenylate cyclase activity in morbidly obese and formerly morbidly obese humans. Surgery 1990 Aug;108(2):228–34; discussion 234–5
Martin M see **Cohen A**
Martin M see **Soyka JM**
Martin RD see **Petrasek PF**
Martin RW see **Miles JF Jr**
Martin RW 3d, Neldner KH, Boyd AS, Coates PW. Multiple cutaneous granular cell tumors and neurofibromatosis in childhood. A case report and review of the literature. Arch Dermatol 1990 Aug;126(8):1051–6 (61 ref.)
Martin SC see **Mandelbrot DA**
Martin WR see **Snow BJ**
Martines F see **Lucifora G**
Martinez A, Novick AC, Cunningham R, Goormastic M. Improved results of vascular reconstruction in pediatric and young adult patients with renovascular hypertension. J Urol 1990 Sep;144(3):717–20
Martinez AM see **French LR**
Martinez CR see **Jacobs MB**
Martinez FJ, Couser JI, Celli BR. Factors influencing ventilatory muscle recruitment in patients with chronic airflow obstruction. Am Rev Respir Dis 1990 Aug; 142(2):276–82
Martinez JA, Urbistondo MD, Velasco JJ. Assessment and implications of the dietary intakes of hospitalized psychogeriatric patients. J Am Diet Assoc 1990 Aug; 90(8):1111–4
Martinez JA see **Rodríguez E**
Martínez M. Severe deficiency of docosahexaenoic acid in peroxisomal disorders: a defect of delta 4 desaturation? Neurology 1990 Aug;40(8):1292–8
Martinez SA see **Calhoun KH**
Martinez-Caceres E see **Martorell J**
Martínez-Martín P see **Echevarría JM**
Martinez-Mir I, Estañ L, Morales-Olivas FJ, Rubio E. Studies of the spontaneous motility and the effect of histamine on isolated myometrial strips of the nonpregnant human uterus: the influence of various uterine abnormalities. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):189–95
Martínez-Piñeiro JA. Re: Impact of endourology on diagnosis and management of upper urinary tract urothelial cancer [letter] J Urol 1990 Sep;144(3):750
Martínez-Ródenas F see **Oms L**
Martini CJ. An estimable legacy. JAMA 1990 Aug 15; 264(7):795–7
Martini IA see **van Beusekom C**
Martorana PA, Wilkinson M, van Even P, Lungarella G. Tsk mice with genetic emphysema. Right ventricular hypertrophy occurs without hypertrophy of muscular pulmonary arteries or muscularization of arterioles. Am Rev Respir Dis 1990 Aug;142(2):333–7
Martorell J, Rojo I, Vilella R, Martinez-Caceres E, Vives J. CD27 induction on thymocytes. J Immunol 1990 Sep 1;145(5):1356–63
Martorell R see **Merchant K**
Martuza RL see **Lee JK**
Marumo F see **Koike A**
Maruta T see **Greenwood CL**
Maruyama H see **Nakamura Y**
Maruyama M, Farber NE, Vercellotti GM, Jacob HS, Gross GJ. Evidence for a role of platelet activating factor in the pathogenesis of irreversible but not reversible myocardial injury after reperfusion in dogs. Am Heart J 1990 Sep; 120(3):510–20
Marwick C. It's peacetime, but war against disease continues [news] JAMA 1990 Aug 22–29;264(8):944
Marwick C. New uses for biological response modifiers? [news] JAMA 1990 Sep 12;264(10):1233
Marwick C. More studies pending of low-dose radiation [news] JAMA 1990 Aug 22–29;264(8):944
Marwick C. Gene therapy could begin next month [news] JAMA 1990 Sep 5;264(9):1084
Marx GF, Elstein ID, Schuss M, Anyaegbunam A, Fleischer A. Effects of epidural block with lignocaine and lignocaine-adrenaline on umbilical artery velocity wave ratios. Br J Obstet Gynaecol 1990 Jun;97(6):517–20
Marx SJ see **Friedman E**
Marzec UM see **Krpski WC**
Masada K see **Kawabata H**
Masaki H see **Toyoda N**
Masana L see **Joven J**
Maschmeyer G see **Hiddemann W**
Masci R see **Savage RW**
Masciarelli M see **Agostini C**
Maser RE see **Orchard TJ**
Maseri A see **Pupita G**
Masetti P see **Minni F**
Masi AT, Hunder GG, Lie JT, Michel BA, Bloch DA, Arend WP, Calabrese LH, Edworthy SM, Fauci AS, Leavitt RY, et al. The American College of Rheumatology 1990 criteria for the classification of Churg-Strauss syndrome (allergic granulomatosis and angiitis). Arthritis Rheum 1990 Aug; 33(8):1094–100
Masi AT see **Hunder GG**
Maskell R, Pead L. Corynebacteria as urinary pathogens [letter] J Infect Dis 1990 Sep;162(3):781–2
Mason AD Jr see **Chu CS**
Mason AD Jr see **Waymack JP**
Mason DY see **Bordessoule D**
Mason DY see **Pezzella F**
Mason GC, Maresh MJ. Alterations in bladder volume and the ultrasound appearance of the cervix. Br J Obstet Gynaecol 1990 May;97(5):457–8
Mason GR see **Eugene J**
Mason RA see **Cunningham FG**
Mason RA see **Maberry MC**
Mason RW see **Elliott GS**
Masoud PJ. Analysis of pentothal confirms decreased potency [letter] Anesth Analg 1990 Aug;71(2):208
Massad M see **Kanady K**
Massaro BM, Gonnering RS, Harris GJ. Endonasal laser dacryocystorhinostomy. A new approach to nasolacrimal duct obstruction. Arch Ophthalmol 1990 Aug; 108(8):1172–6
Massel D see **Weitz JI**
Massey EW see **O'Connor CM**
Massie BM. All patients with left ventricular systolic dysfunction should be treated with an angiotensin-converting enzyme inhibitor: a protagonist's viewpoint. Am J Cardiol 1990 Aug 15;66(4):439–43 (29 ref.)
Massie BM see **Szlachcic J**
Massie JD see **Farah MJ**
Massiere JP see **Haissaguerre M**
Massimo CG, Presenti LF, Favi PP, Ponzalli M, Marranci P, Crisci C, Poma AG, Viligiardi RG, Manca G, Zocchi C. Excision of the aortic wall in the surgical treatment of acute type-A aortic dissection. Ann Thorac Surg 1990 Aug;50(2):274–6
Massin P see **Engh CA**
Masson E see **Lake CR**
Mast AE, Salvesen G, Schnebli HP, Pizzo SV. Evaluation of the rapid plasma elimination of recombinant alpha 1-proteinase inhibitor: synthesis of polyethylene glycol conjugates with improved therapeutic potential. J Lab Clin Med 1990 Jul;116(1):58–65
Mastorakou I see **Spencer JA**
Mastroiacovo P, Zampino G, Valente M. Perception of teratogenic risk by pregnant women exposed to diagnostic radiation during pregnancy [letter] Am J Obstet Gynecol 1990 Aug;163(2):695
Masuda A see **Giannini MJ**
Masuda M see **Hoshino S**
Masuda T see **Satoh J**
Masuda T see **Seki S**
Masugi Y see **Fukuda Y**
Masuhiro K see **Nishino E**
Matalon TA see **Bisceglia M**
Math MV see **Kang JY**
Mather LE see **Owen H**
Mathes SJ see **Eshima I**
Mathes SJ see **Hoffman WY**
Matheson NA see **Irwin ST**
Mathew S see **Macknin ML**
Mathewson JJ see **Johnson PC**
Mathiasson L see **Lundholm M**
Mathieu A see **Bourguignon JP**
Mathieu J see **Bourguignon JP**
Mathisen TL see **Poole JE**
Mati JK see **Sinei SK**
Matias-Guiu X, Prat J. Ovarian tumors with functioning stroma. An immunohistochemical study of 100 cases with human chorionic gonadotropin monoclonal and polyclonal antibodies. Cancer 1990 May 1;65(9):2001–5
Matlashewski G see **Descoteaux A**
Matley P see **Kahn D**
Matson DO, Estes MK. Impact of rotavirus infection at a large pediatric hospital. J Infect Dis 1990 Sep; 162(3):598–604
Matson DO, Estes MK, Burns JW, Greenberg HB, Taniguchi K, Urasawa S. Serotype variation of human group A rotaviruses in two regions of the USA. J Infect Dis 1990 Sep;162(3):605–14
Matson MA, Cohen EP. Acquired cystic kidney disease: occurrence, prevalence, and renal cancers. Medicine (Baltimore) 1990 Jul;69(4):217–26
Matsson P see **Sandberg K**
Matsuda H see **Kobata T**
Matsuda I see **Kitano A**
Matsuda I see **Nishiyama S**
Matsuda T see **Fujimura M**
Matsui K see **Nakanishi K**
Matsui O see **Terada T**
Matsui U see **Miller K**
Matsuki K, Juji T, Tokunaga K, Takamizawa M, Maeda H, Soda M, Nomura Y, Segawa M. HLA antigens in Japanese patients with myasthenia gravis. J Clin Invest 1990 Aug; 86(2):392–9
Matsukuma A, Mori M, Enjoji M. Sulphomucin-secreting intestinal metaplasia in the human gastric mucosa. An association with intestinal-type gastric carcinoma. Cancer 1990 Aug 15;66(4):689–94
Matsumata T, Kanematsu T, Shirabe K, Sonoda T, Furuta T, Sugimachi K. Decreased morbidity and mortality rates in surgical patients with hepatocellular carcinoma. Br J Surg 1990 Jun;77(6):677–80
Matsumoto E, Matsumoto G, Ooshima A, Kikuoka H, Bessho H, Miyamura K, Nanjo K. Serum type IV collagen concentrations in diabetic patients with microangiopathy as determined by enzyme immunoassay with monoclonal antibodies. Diabetes 1990 Aug;39(8):885–90
Matsumoto G see **Matsumoto E**
Matsumoto K see **Iwata H**
Matsumoto N see **Ishihara T**
Matsumoto S see **Abe M**
Matsumura I see **Colina KF**
Matsuo T see **Koh G**
Matsuoka LY, Wortsman J, Haddad JG, Hollis BW. Cutaneous formation of vitamin D in psoriasis [letter] Arch Dermatol 1990 Aug;126(8):1107–8
Matsuoka LY, Wortsman J, Hollis BW. Suntanning and cutaneous synthesis of vitamin D3. J Lab Clin Med 1990 Jul;116(1):87–90
Matsuoka Y see **Ray R**
Matsuura S see **Suginami H**
Matsuzaki N see **Nishino E**
Matt BH, Myer CM 3d, Bellet PS. Cholesterol granuloma presenting in the ear canal. Ann Otol Rhinol Laryngol 1990 Aug;99(8):672–3
Matte-Hiriart J see **Gillet C**
Matthay MA see **Rubin DB**

Matthes J see **Kretschmer C**
Matthew DJ see **Davies H**
Matthew DJ see **Kennedy JD**
Matthews JB see **Baer HU**
Matthews JP see **McEwan L**
Matthews MS, Tabor MW, Thompson SH, Gross PD. Infantile myofibromatosis of the mandible.
J Oral Maxillofac Surg 1990 Aug;48(8):884–9; discussion 890–1
Mattie H, van Dokkum AM, Brus-Weijer L, Krul AM, van Strijen E. Antibacterial activity of four cephalosporins in an experimental infection in relation to in vitro effect and pharmacokinetics. J Infect Dis 1990 Sep;162(3):717–22
Mattingly PC see **Morris IM**
Mattioli S, Pilotti V, Felice V, Lazzari A, Zannoli R, Bacchi ML, Loria P, Tripodi A, Gozzetti G. Ambulatory 24-hr pH monitoring of esophagus, fundus, and antrum. A new technique for simultaneous study of gastroesophageal and duodenogastric reflux. Dig Dis Sci 1990 Aug;35(8):929–38
Mattleman SJ see **Woldow AB**
Mattner A see **Dämmrich J**
Mattox KL see **Fischer RP**
Mattsby-Baltzer I, Edebo L, Järvholm B, Lavenius B, Söderström T. Subclass distribution of IgG and IgA antibody response to Pseudomonas pseudoalcaligenes in humans exposed to infected metal-working fluid.
J Allergy Clin Immunol 1990 Aug;86(2):231–8
Matucci-Cerinic M, Lombardi A, Lotti T, Pignone A, Senesi C, Buzzi R, Aglietti P, Partsch G, Cagnoni M. Fibrinolytic activity in the synovial membrane of osteoarthritis.
Br J Rheumatol 1990 Aug;29(4):249–53
Maturen A see **Heckerling PS**
Matzke GR see **Caperton EM**
Maughan WL see **Midei MG**
Maunder R see **Silverman HJ**
Maurel P see **Diaz D**
Maurer H see **Papp C**
Maurer I, Bernhard A, Zierz S. Coenzyme Q10 and respiratory chain enzyme activities in hypertrophied human left ventricles with aortic valve stenosis. Am J Cardiol 1990 Aug 15;66(4):504–5
Mauriño N see **Ferreria JL**
Mauro A see **Pecorraro JP**
Mauro AM see **Tullo NG**
Mauxion F, Pray MG, Sen R. Multiple nuclear factors interact with sequences within the J beta 2-C beta 2 intron of the murine T cell receptor beta-chain gene.
J Immunol 1990 Sep 1;145(5):1577–82
Mavra M, Thompson EJ, Nikolic J, Krunic A, Ranin J, Levic Z, Keir G, Luxton R, Youl BD. The occurrence of oligoclonal IgG in tears from patients with MS and systemic immune disorders. Neurology 1990 Aug; 40(8):1259–62
Mavroudakis N, Levivier M, Rodesch G. Central cord syndrome due to a spontaneously regressive spinal subdural hematoma. Neurology 1990 Aug;40(8):1306–8
Mavroudis C see **Cryer HG**
MaWhinney WH, Warford A, Rae MJ, Lauder I. Automated immunochemistry. J Clin Pathol 1990 Jul;43(7):591–6
Mawhinney WH see **Wood DJ**
Maxwell KL see **Herbert WN**
Maxwell SL see **Hicks ML**
May AE see **Coley S**
May JW Jr see **Wolfort S**
May L see **Harrison DJ**
May LT see **Krutmann J**
May PC, Hayward D. The Bath bike for walking rehabilitation. J Bone Joint Surg [Br] 1990 Jul;72(4):618–9
May WS see **Sharkis SJ**
Mayba II. The BMA comes to Winnipeg.
Can Med Assoc J 1990 Aug 1;143(3):217
Mayer AD see **Moossa AR**
Mayer D see **De Lorenzo RA**
Mayer JM, Chevalier X, Albert E, Casteran JM, Boutin B, Ponsot G, Dematons C, Cophignon J. Reversible hearing loss in a patient with cryptococcosis.
Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):962–4
Mayer KH see **Horsburgh CR Jr**
Mayer KH see **Imam N**
Mayer N, Weinstabl C, Podreka I, Spiss CK. Sufentanil does not increase cerebral blood flow in healthy human volunteers. Anesthesiology 1990 Aug;73(2):240–3
Mayer R see **Shefner R**
Mayer RJ see **Lowe J**
Mayerhoff DI, Lieberman JA, Lemus CZ, Pollack S, Schneider BS. Growth hormone response to growth hormone-releasing hormone in schizophrenic patients.
Am J Psychiatry 1990 Aug;147(8):1072–4
Maynard E see **Pennell CA**
Mayne PD see **Knapp ML**
(Mayo WJ), Nelson CW. Dr. William J. Mayo's 1895 commencement address. Mayo Clin Proc 1990 Aug; 65(8):1052
(Mayo WJ), Nelson CW. Dr. William J. Mayo and the University of Michigan. Mayo Clin Proc 1990 Jul;65(7):932
Mayr H see **Pollak H**
Maytorena A see **Ramamurthy S**
Mayumi H see **Eto M**
Maze M see **Doze VA**
Mazeman E see **Dumur V**
Mazer B, Figueroa-Rosario W, Bender B. The effect of albuterol aerosol on fine-motor performance in children with chronic asthma. J Allergy Clin Immunol 1990 Aug; 86(2):243–8
Mazza E see **Ghigo E**
Mazza MM, Gobet MG, Biscoglio MJ, Mihajlovich V, Guillemot JC, Vita N, Ferrara P, Retegui LA. Relationship between the antigenic topography and the structure of human growth hormone. Endocrinology 1990 Sep; 127(3):1002–8
Mazzone A see **DeCaterina R**
Meacham TD, Proctor BD. Integrated paradigm for psychiatry [letter] Am J Psychiatry 1990 Aug; 147(8):1099–100
Mead PB see **Harger JH**
Meade TW, Dyer S, Browne W, Townsend J, Frank AO. Low back pain of mechanical origin: randomised comparison of chiropractic and hospital outpatient treatment. BMJ 1990 Jun 2;300(6737):1431–7
Meador KJ see **Huh K**
Meadows AT see **Burk CD**
Meadows TH, Bronk JT, Chao YS, Kelly PJ. Effect of weight-bearing on healing of cortical defects in the canine tibia. J Bone Joint Surg [Am] 1990 Aug;72(7):1074–80
Meaglia JP, Joseph AC, Chang M, Schmidt JD. Post-prostatectomy urinary incontinence: response to behavioral training. J Urol 1990 Sep;144(3):674–6
el Meanawy MA, Aji T, Phillips NF, Davis RE, Salata RA, Malhotra I, McClain D, Aikawa M, Davis AH. Definition of the complete Schistosoma mansoni hemoglobinase mRNA sequence and gene expression in developing parasites. Am J Trop Med Hyg 1990 Jul;43(1):67–78
Means RT Jr, Dessypris EN, Krantz SB. Inhibition of human colony-forming-unit erythroid by tumor necrosis factor requires accessory cells. J Clin Invest 1990 Aug; 86(2):538–41
Mebrahtu YB see **Lawyer PG**
Mebust WK. Transurethral prostatectomy.
Urol Clin North Am 1990 Aug;17(3):575–85 (59 ref.)
Meccoli RA see **Shadduck JA**
Mechain C see **Le Dafniet M**
Meda M see **Colina KF**
Medendorp SV see **Macknin ML**
Medina A, Suarez De Lezo J, Hernandez E, Pan M, Romero M, Melian F, Sancho M, Bethencourt A, Vivancos R, Jimenez F, et al. Balloon valvuloplasty for mitral restenosis after previous surgery: a comparative study.
Am Heart J 1990 Sep;120(3):568–71
Medley G see **Mitchell H**
Medori R see **Bonilla E**
Medow CM see **Schwarz SM**
Medsger TA Jr see **Steen VD**
Meeker DP see **Mehta AC**
Meeks GR see **Miles JF Jr**
Meers PD, Chow CK. Bacteriostatic and bactericidal actions of boric acid against bacteria and fungi commonly found in urine. J Clin Pathol 1990 Jun;43(6):484–7
Meerschaert JR see **Braker A**
Meert T see **Vercauteren M**
Megibow AJ see **Birnbaum BA**
Mehigan JT see **Guthaner DF**
Mehta AC, Curtis PS, Scalzitti ML, Meeker DP. The high price of bronchoscopy. Maintenance and repair of the flexible fiberoptic bronchoscope. Chest 1990 Aug; 98(2):448–54
Mehta AJ see **Kumar R**
Mehta MP see **Murray DJ**
Mei J see **Chen CR**
Mei RL see **Liu BX**
Mei S see **Paul S**
Meier DE see **Cassel CK**
Meier FA, Howland J, Johnson J, Poisson R. Effects of a rapid antigen test for group A streptococcal pharyngitis on physician prescribing and antibiotic costs.
Arch Intern Med 1990 Aug;150(8):1696–700
Meier FA see **Gillock CB**
Meier-Davis S see **Schroeckenstein DC**
Meignan M see **Hernigou P**
Meignier B, Martin B, Whitley RJ, Roizman B. In vivo behavior of genetically engineered herpes simplex viruses R7017 and R7020. II. Studies in immunocompetent and immunosuppressed owl monkeys (Aotus trivirgatus).
J Infect Dis 1990 Aug;162(2):313–21
Meijer CJ see **Slebos RJ**
Meijer F see **Berkhoff WB**
Meinertz T see **Kasper W**
Meinke J see **McLean CS**
Meis PJ see **Cuthrell WV**
Meissner K, Michaelis K, Rehpenning W, Löning T. Epidermal Langerhans' cell densities influence survival in mycosis fungoides and Sézary syndrome. Cancer 1990 May 1;65(9):2069–73
Meizner I, Levy A, Carmi R, Robinsin C. Niemann-Pick disease associated with nonimmune hydrops fetalis.
Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):128–9
Meizner I, Levy A, Cohen J. Spontaneous resolution of a nuchal fetal cystic hygroma diagnosed early in the second trimester of pregnancy [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):267–9
Mela GS see **Savarino V**
Melamed MR see **Janerich DT**
Meldrum BS. Anatomy, physiology, and pathology of epilepsy. Lancet 1990 Jul 28;336(8709):231–4 (30 ref.)
Meldrum DR see **Ertel W**
Melen O see **Kanady K**
Meliagros L see **Fisk NM**
Melian F see **Medina A**
Melki J, Sheth P, Abdelhak S, Burlet P, Bachelot MF, Lathrop MG, Frezal J, Munnich A. Mapping of acute (type I) spinal muscular atrophy to chromosome 5q12-q14. The French Spinal Muscular Atrophy Investigators. Lancet 1990 Aug 4;336(8710):271–3
Meller J see **Yanos J**
Mellon P see **O'Brien JM**
Mellstedt H see **Grimfors G**
Melman A see **Rossman B**
Melmed CA see **Gans MS**
Melnick DA see **Margolis DM**
Melnick DA see **Rex JH**
Meloche RM see **Buchan AM**
Melone PJ see **Nelson LH**
Meloni L, Abbruzzese PA, Cardu G, Aru GM, Loriga P, Ricchi A, Martelli V, Cherchi A. Detection of microbubbles released by oxygenators during cardiopulmonary bypass by intraoperative transesophageal echocardiography.
Am J Cardiol 1990 Aug 15;66(4):511–4
Melot C see **Lejeune P**
Melton J see **Ellis GL**
Meltzer EO, Orgel HA, Bronsky EA, Furukawa CT, Grossman J, LaForce CF, Lemanske RF Jr, Paull BD, Pearlman DS, Ratner PH, et al. A dose-ranging study of fluticasone propionate aqueous nasal spray for seasonal allergic rhinitis assessed by symptoms, rhinomanometry, and nasal cytology. J Allergy Clin Immunol 1990 Aug;86(2):221–30
Meltzer MS see **Belosevic M**
Meltzer S see **Kissileff HR**
Melvin T see **Leone MR**
Mena I see **Pascual JA**
Mencia-Huerta JM see **Pignol B**
Menczer J see **Ben Baruch G**
Mendel FC see **Bettany JA**
Mendelow AD see **Deans JA**
Mendelson CR see **Acarregui MJ**
Mendelson DN see **Schwartz WB**
Mendenhall S. Orthopedic research and patient outcomes [letter] JAMA 1990 Aug 8;264(6):694
Mendenhall WR see **Klimberg VS**
Mendes EN see **Queiroz DM**
Mendez MA see **Krohn BG**
Menegus MA see **Vernon HJ**
Menegus MA see **Yagupsky P**
Menelaus MB see **Brougham DI**
Menendez T. Prescribing psychologists [letter] JAMA 1990 Sep 12;264(10):1250–1
Menitove JE, Richards WA, Destree M. Early US experience with anti-HCV kit in blood donors [letter] Lancet 1990 Jul 28;336(8709):244–5
Menius JA Jr see **Anstadt MP**
Menkis AH see **Reid KR**
Mensch AH see **Mogadam M**
Mensink RP, Katan MB. Effect of dietary trans fatty acids on high-density and low-density lipoprotein cholesterol levels in healthy subjects [see comments]
N Engl J Med 1990 Aug 16;323(7):439–45. Comment in: N Engl J Med 1990 Aug 16;323(7):480–1.
Menu Y see **Vilgrain V**
Menyuk P see **Teele DW**
Mercadier JJ see **Timsit J**
Mercando AD see **Aronow WS**
Mercer DW see **Dempsey DT**
Merchant K, Martorell R, Haas J. Maternal and fetal responses to the stresses of lactation concurrent with pregnancy and of short recuperative intervals.
Am J Clin Nutr 1990 Aug;52(2):280–8
Merchant S see **Patel V**
Merchant SA see **Morparia HK**
Mercier O see **Bichara M**
Mercke U see **Dolata J**
Mercurio AM see **Wiltz O**
Meredith JW, Ditesheim JA, Zaloga GP. Visceral protein levels in trauma patients are greater with peptide diet than with intact protein diet. J Trauma 1990 Jul;30(7):825–8; discussion 828–9
Merguerian PA see **Abara E**
Merguerian PA, McLorie GA, Khoury AE, Thorner P, Churchill BM. Submucosal injection of polyvinyl alcohol foam in rabbit bladder. J Urol 1990 Aug;144(2 Pt 2):531–3; discussion 545
Merigan TC see **Garcia G**
Merino M see **Robertson CN**
Meriwether C see **Schmitt C**
Merki HS see **Wilder-Smith CH**
Merle-Beral H see **Karray S**
Meroni PL see **Nicoletti F**
Merri M see **Benhorin J**
Merrill D see **Schulman J**
Merrill WH see **Stewart JR**
Mertelsmann R see **Ganser A**
Merten DF, Carpenter BL. Radiologic imaging of inflicted injury in the child abuse syndrome.
Pediatr Clin North Am 1990 Aug;37(4):815–37 (50 ref.)
Merz BJ see **Landercasper J**
Merz WG see **Buchman TG**
Messieh SS, Fowler PJ, Munro T. Anteroposterior radiographs of the osteoarthritic knee.
J Bone Joint Surg [Br] 1990 Jul;72(4):639–40

Mestitz H, Bowes G. Pseudomonas aeruginosa empyema in an adult with cystic fibrosis. Chest 1990 Aug;98(2):485–7
Mestman JH see **Kjos SL**
Metakis L see **Notterman DA**
Metrikin DC see **Hofmeyr GJ**
Métroz–Dayer MD, Mouland A, Brideau C, Duhamel D, Poussier P. Adoptive transfer of diabetes in BB rats induced by CD4 T lymphocytes. Diabetes 1990 Aug;39(8):928–32
Métroz–Dayer MD see **Marliss EB**
Metter EJ see **Kumar R**
Metzdorff MT see **Salomon NW**
Metzger PP see **Van Woert JH**
Metzger WJ see **Coyle AJ**
Metzger WJ see **Goldstein RA**
Meunier A see **Sedel L**
Meunier H see **Petraglia F**
Meunier PJ see **Mamelle N**
Meurehg CC, Xóchitl Amelio P. Vaginal bleeding and tretinoin cream [letter] Ann Intern Med 1990 Sep 15; 113(6):483
Meuwissen SG see **Jansen JB**
Meyer AA see **Uveges JM**
Meyer JS see **Mortel KF**
Meyer P see **Guerin JM**
Meyer PD. A simple pediatric arm or leg protector [letter] Anesth Analg 1990 Aug;71(2):204–5
Meyer RD see **Soo Hoo GW**
Meyer SJ see **Langer JE**
Meyer TW see **Stackhouse S**
Meyer UA see **Heim M**
Meyer WA 3d see **Roberts RB**
Meyers JD, Ljungman P, Fisher LD. Cytomegalovirus excretion as a predictor of cytomegalovirus disease after marrow transplantation: importance of cytomegalovirus viremia. J Infect Dis 1990 Aug;162(2):373–80
Meyers JD see **Sullivan KM**
Mezwa DG see **Thompson BC**
Michael E see **Ferreria JL**
Michaelides AP, Triposkiadis FK, Boudoulas H, Spanos AM, Papadopoulos PD, Kourouklis KV, Toutouzas PK. New coronary artery disease index based on exercise–induced QRS changes. Am Heart J 1990 Aug;120(2):292–302
Michaelis K see **Meissner K**
Michalek A see **Petrelli NJ**
Michallet M see **Milpied N**
Michalski JM, Garcia DM, Kase E, Grigsby PW, Simpson JR. Primary central nervous system lymphoma: analysis of prognostic variables and patterns of treatment failure. Radiology 1990 Sep;176(3):855–60
Michel BA see **Arend WP**
Michel BA see **Bloch DA**
Michel BA see **Calabrese LH**
Michel BA see **Fries JF**
Michel BA see **Hunder GG**
Michel BA see **Leavitt RY**
Michel BA see **Lightfoot RW Jr**
Michel BA see **Masi AT**
Michel BA see **Mills JA**
Michel FB see **Bousquet J**
Michel H see **Diaz D**
Michel H see **Domergue J**
Michell WL see **Dyer RA**
Michelsson JE see **Kallio P**
Michie HR, Majzoub JA, O'Dwyer ST, Revhaug A, Wilmore DW. Both cyclooxygenase–dependent and cyclooxygenase–independent pathways mediate the neuroendocrine response in humans. Surgery 1990 Aug; 108(2):254–9; discussion 259–61
Michon C see **Pouchot J**
Mickisch GH, Roehrich K, Koessig J, Forster S, Tschada RK, Alken PM. Mechanisms and modulation of multidrug resistance in primary human renal cell carcinoma [see comments] J Urol 1990 Sep;144(3):755–9. Comment in: J Urol 1990 Sep;144(3):754.
Mickle C see **Hicks ML**
Middaugh RE see **Silverman SM**
Midei MG, Sugiura S, Maughan WL, Sagawa K, Weisfeldt ML, Guerci AD. Preservation of ventricular function by treatment of ventricular fibrillation with phenylephrine [see comments] J Am Coll Cardiol 1990 Aug;16(2):489–94. Comment in: J Am Coll Cardiol 1990 Aug;16(2):495–6.
Midgley PC, Azzopardi D, Oates N, Shaw JC, Honour JW. Virilisation of female preterm infants. Arch Dis Child 1990 Jul;65(7 Spec No):701–3
Midthun DE see **Leibson PJ**
Mieli–Vergani G see **Lobo–Yeo A**
Mier A, Laroche C, Agnew JE, Vora H, Clarke SW, Green M, Pavia D. Tracheobronchial clearance in patients with bilateral diaphragmatic weakness. Am Rev Respir Dis 1990 Sep;142(3):545–8
Mieza M see **Rossman B**
Mifune J see **Fujimura M**
Miglioli M see **Gionchetti P**
Miguéres M, Escamilla R, Coca F, Didier A, Krempf M. Pulsed Doppler echocardiography in the diagnosis of pulmonary hypertension in COPD. Chest 1990 Aug; 98(2):280–5
Mihajlovich V see **Mazza MM**
Mihara M, Nakayama H, Nakamura K, Morimura T, Hagari Y, Shimao S. Histologic changes in superficial basal cell epithelioma and Bowen's disease by intralesional injection of recombinant interleukin 2: recombinant interleukin 2 may induce redifferentiation of malignant tumor cells in vivo [letter] Arch Dermatol 1990 Aug;126(8):1107
Mihatsch MJ see **Zenklusen HR**
Mijares M see **Galloway PG**
Mike N, Udeshi U, Asquith P, Ferrando J. Small bowel enema in non–responsive coeliac disease. Gut 1990 Aug; 31(8):883–5
Milaskiewicz RM, Holdcroft A, Letsky E. Epidural anaesthesia and von Willebrand's disease. Anaesthesia 1990 Jun;45(6):462–4
Milayeva S see **Strom CM**
Mildvan D see **Lee HH**
Miles JF Jr, Martin JN Jr, Blake PG, Perry KG Jr, Martin RW, Meeks GR. Postpartum eclampsia: a recurring perinatal dilemma. Obstet Gynecol 1990 Sep;76(3 Pt 1):328–31
Miles MV see **Davenport ML**
Miles SH see **Gramelspacher GP**
Milford DV, Taylor CM. New insights into the haemolytic uraemic syndromes. Arch Dis Child 1990 Jul;65(7):713–5 (29 ref.)
Milford DV, Taylor CM, Guttridge B, Hall SM, Rowe B, Kleanthous H. Haemolytic uraemic syndromes in the British Isles 1985–8: association with verocytotoxin producing Escherichia coli. Part 1: Clinical and epidemiological aspects. Arch Dis Child 1990 Jul; 65(7):716–21
Milford DV see **Kleanthous H**
Milla PJ see **Sokel BS**
Millar MR see **West AP**
Miller A, Edelstein S. Establishing a work–site wellness program in a hospital setting. J Am Diet Assoc 1990 Aug; 90(8):1104–6
Miller AJ. Treadmill testing in hypertensives [letter] JAMA 1990 Aug 22–29;264(8):973
Miller BI see **Weissler AM**
Miller CG, Marshburn PB, Talbert LM, Tucker MS. Blunt trauma of uterovaginal and vesical prolapse with associated bladder rupture. J Urol 1990 Aug;144(2 Pt 1):348–50
Miller D see **Atebara NH**
Miller D see **Nauta RJ**
Miller DH see **Schreiber TL**
Miller DH see **Thompson AJ**
Miller FB see **Cué JI**
Miller G see **Pitchenik AE**
Miller GL. Atherosclerosis in a donor heart [letter] Ann Intern Med 1990 Sep 15;113(6):484
Miller IW see **Keitner GI**
Miller J see **Fakjian N**
Miller J see **Hinton RJ**
Miller JA see **Strock LL**
Miller JI Jr, Phillips TW. Neodymium:YAG laser and brachytherapy in the management of inoperable bronchogenic carcinoma. Ann Thorac Surg 1990 Aug; 50(2):190–5; discussion 195–6
Miller JJ, McVeagh P, Fleet GH, Petocz P, Brand JC. Effect of yeast lactase enzyme on "colic" in infants fed human milk. J Pediatr 1990 Aug;117(2 Pt 1):261–3
Miller JL see **Repko CJ**
Miller K, Matsui U, Hautmann R. The functional rectal bladder—prevention of hyperchloremic acidosis following vesico–sigmoidostomy in dogs. J Urol 1990 Aug;144(2 Pt 1):375–80
Miller LG, Miller SM. Altered taste secondary to acetazolamide therapy. J Fam Pract 1990 Aug; 31(2):199–200
Miller LH see **Dolan SA**
Miller LM see **Thomson WA**
Miller LW see **Seacord LM**
Miller MC see **Jones JS**
Miller MD see **Rice S**
Miller ML see **Francis CW**
Miller N see **Curran CR**
Miller NR. The management of traumatic optic neuropathy [editorial; comment] Arch Ophthalmol 1990 Aug; 108(8):1086–7. Comment on: Arch Ophthalmol 1990 Aug;108(8):1091–3.
Miller P see **Lake CR**
Miller PL see **Stackhouse S**
Miller RF see **Wakefield AE**
Miller RG, Green AT, Moussavi RS, Carson PJ, Weiner MW. Excessive muscular fatigue in patients with spastic paraparesis. Neurology 1990 Aug;40(8):1271–4
Miller RH see **Horneffer PJ**
Miller RH see **Kaneko S**
Miller SB see **Maier WP**
Miller SM see **Miller LG**
Miller T see **Sontag SJ**
Miller WJ see **Weisdorf DJ**
Miller WT. Value of clinical history [letter] AJR Am J Roentgenol 1990 Sep;155(3):653–4
Miller–Shifrin K see **Curtis AB**
Milligan DA see **Duff P**
Milligan DW see **McMillan AK**
Milligan DW see **Wariyar UK**
Millikan CH see **Levine SR**
Millman RP see **Strumpf DA**
Mills JA, Michel BA, Bloch DA, Calabrese LH, Hunder GG, Arend WP, Edworthy SM, Fauci AS, Leavitt RY, Lie JT, et al. The American College of Rheumatology 1990 criteria for the classification of Henoch–Schönlein purpura. Arthritis Rheum 1990 Aug;33(8):1114–21
Mills KR see **Chalk CH**
Mills MS, James DK, Slade S. Two–tier approach to biophysical assessment of the fetus. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):12–7
Millward–Sadler GH see **Ayres RC**
Milne MJ see **Li EK**
Milner JA. Trace minerals in the nutrition of children. J Pediatr 1990 Aug;117(2 Pt 2):S147–55 (70 ref.)
Milner P, Crowe R, Kamm MA, Lennard–Jones JE, Burnstock G. Vasoactive intestinal polypeptide levels in sigmoid colon in idiopathic constipation and diverticular disease. Gastroenterology 1990 Sep;99(3):666–75
Milpied N, Gisselbrecht C, Harousseau JL, Sebban C, Witz F, Troussard X, Gratecos N, Michallet M, LeBlond V, Auzanneau G, et al. Successful treatment of adult acute lymphoblastic leukemia after relapse with prednisone, intermediate–dose cytarabine, mitoxantrone, and etoposide (PAME) chemotherapy. Cancer 1990 Aug 15;66(4):627–31
Mimouni M see **Mukamel M**
Mimura T, Fernsten P, Shaw M, Jarjour W, Winfield JB. Glycoprotein specificity of cold–reactive IgM antilymphocyte autoantibodies in systemic lupus erythematosus. Arthritis Rheum 1990 Aug;33(8):1226–32
Mimura Y, Yamakawa M, Furuya K, Oohara T. Effects of oxygen supply on protein metabolism in surgically injured rats. Oxygen as a nutrient. Ann Surg 1990 Aug; 212(2):228–33
Minamoto T, Mai M, Watanabe K, Ooi A, Kitamura T, Takahashi Y, Ueda H, Ogino T, Nakanishi I. Medullary carcinoma with lymphocytic infiltration of the stomach. Clinicopathologic study of 27 cases and immunohistochemical analysis of the subpopulations of infiltrating lymphocytes in the tumor. Cancer 1990 Sep 1; 66(5):945–52
Minar E see **Koppensteiner R**
Mindell HJ, Korson R. Comparison of 22–gauge Chiba and screw–tipped needles for cytologic diagnosis of malignancy in in vitro tumor specimens. Radiology 1990 Sep; 176(3):681–2
Ming Y see **McCoshen J**
Minichiello WE see **Jenike MA**
Minihan PM, Dean DH. Meeting the needs for health services of persons with mental retardation living in the community [see comments] Am J Public Health 1990 Sep;80(9):1043–8 . Comment in: Am J Public Health 1990 Sep;80(9):1037–8.
Mink I see **Petrelli NJ**
Minkoff HL, McCalla S, Delke I, Stevens R, Salwen M, Feldman J. The relationship of cocaine use to syphilis and human immunodeficiency virus infections among inner city parturient women. Am J Obstet Gynecol 1990 Aug; 163(2):521–6
Minni F, DiSesa VJ, Masetti P, Marrano D. Management of a large mediastinal cyst of thyroid origin. Chest 1990 Aug;98(2):487–8
Minnicozzi M see **Gulbenkian AR**
Minor CB Jr see **Shapiro MJ**
Minor ST see **Jeroudi MO**
Minor ST see **Rodgers GP**
Minor ST see **Rodriguez AR**
Minson AC see **McLean CS**
Minton YM see **Nielsen DH**
Mintz DH see **Tzakis AG**
Mintz GS see **Karalis DG**
Mintz J see **Van Putten T**
Mintz PD see **Fang WL**
Miossec P, Naviliat M, Dupuy d'Angeac A, Sany J, Banchereau J. Low levels of interleukin–4 and high levels of transforming growth factor beta in rheumatoid synovitis. Arthritis Rheum 1990 Aug;33(8):1180–7
Mirakhur RK. Drug usage by anaesthetists [letter] Anaesthesia 1990 Jun;45(6):500–1
Miralles P, Peiró E, Dégano P, Silvestre RA, Marco J. Inhibition of insulin and somatostatin secretion and stimulation of glucagon release by homologous galanin in perfused rat pancreas. Diabetes 1990 Aug;39(8):996–1001
Miranda AF see **Bonilla E**
Miranda E see **Gonzalez AE**
Mirando MA see **Gross TS**
Mirkin IR see **Rosenblum LS**
Mirvis DM. Physicians in organizations. Dilemma of the academic VA staff physician. Arch Intern Med 1990 Aug; 150(8):1621–3
Mirvis SE, Geisler FH. Intraoperative sonography of cervical spinal cord injury: results in 30 patients. AJR Am J Roentgenol 1990 Sep;155(3):603–9
Misas JE, Larson JE, Podczaski E, Manetta A, Mortel R. Recurrent Paget disease of the vulva in a split–thickness graft. Obstet Gynecol 1990 Sep;76(3 Pt 2):543–4
Misener V, Jongstra–Bilen J, Young AJ, Atkinson MJ, Wu GE, Jongstra J. Association of Ig L chain–like protein lambda 5 with a 16–kilodalton protein in mouse pre–B cell lines is not dependent on the presence of Ig H chain protein. J Immunol 1990 Aug 1;145(3):905–9
Mishel HS see **Snyder RW**
Mishu B, Hadler SC, Boaz VA, Hutcheson RH, Horan JM, Schaffner W. Foodborne hepatitis A: evidence that microwaving reduces risk? J Infect Dis 1990 Sep;

162(3):655–8
Misra AK see **Engel WK**
Misra S see **Deane SA**
Misra SP, Dwivedi M, Misra V, Gupta R, Agarwal SK. Diagnostic paracentesis [letter] Gastroenterology 1990 Sep; 99(3):902–3
Misra V see **Misra SP**
Mistry D see **Mustoe TA**
Mitchell CD see **Onadim ZO**
Mitchell EA. International trends in postneonatal mortality. Arch Dis Child 1990 Jun;65(6):607–9
Mitchell EA, Anderson HR. Changes in asthma prevalence [letter] Arch Dis Child 1990 Jun;65(6):646
Mitchell EA see **Pattemore PK**
Mitchell H, Medley G, Giles G. Cervical cancers diagnosed after negative results on cervical cytology: perspective in the 1980s. BMJ 1990 Jun 23;300(6740):1622–6
Mitchell IC, Turk JL. Effect of the immune modulating agents cyclophosphamide, methotrexate, hydrocortisone, and cyclosporin A on an animal model of granulomatous bowel disease. Gut 1990 Jun;31(6):674–8
Mitchell JD, Gibson HN, Gatrell A. Amyotrophic lateral sclerosis in Lancashire and South Cumbria, England, 1976–1986. A geographical study. Arch Neurol 1990 Aug; 47(8):875–80
Mitchell JM see **Gallery ME**
Mitchell MD see **Acarregui MJ**
Mitchell MD see **Branch DW**
Mitchell ME, Brito CG, Rink RC. Cloacal exstrophy reconstruction for urinary continence. J Urol 1990 Aug; 144(2 Pt 2):554–8; discussion 562–3
Mitchell N, Stapleton FB. Routine admission urinalysis examination in pediatric patients: a poor value. Pediatrics 1990 Sep;86(3):345–9
Mitchell V see **McIntosh N**
Mitchell WD see **Thompson TL 2d**
Mitchiner JC. Handlebar hernia: diagnosis by abdominal computed tomography. Ann Emerg Med 1990 Jul; 19(7):812–3
Mitchison DA see **Chan SL**
Mitchison HC, Lucey MR, Kelly PJ, Neuberger JM, Williams R, James OF. Symptom development and prognosis in primary biliary cirrhosis: a study in two centers. Gastroenterology 1990 Sep;99(3):778–84
Mitnick RJ see **Harrison MJ**
Mitre RJ see **Fox KR**
Mitrová E see **Goldfarb LG**
Mitsuya H see **Yarchoan R**
Mittal VK see **Hans B**
Mittelman A, Huberman M, Puccio C, Fallon B, Tessitore J, Savona S, Eyre R, Gafney E, Wick M, Skelos A, et al. A phase I study of recombinant human interleukin-2 and alpha-interferon-2a in patients with renal cell cancer, colorectal cancer, and malignant melanoma. Cancer 1990 Aug 15;66(4):664–9
Mittler RS, Fifer CA, Burbach P, Edinger K, Kiener PA. Evidence for a new HLA determinant that causes T cell activation without costimulation. J Immunol 1990 Aug 1; 145(3):794–803
Miura M see **Inui A**
Miura M see **Watanabe T**
Miura Y see **Yamaguchi Y**
Miwa K, Fujita M, Ejiri M, Sasayama S. Comparative sensitivity of intracoronary injection of acetylcholine for the induction of coronary spasm in patients with various types of angina pectoris. Am Heart J 1990 Sep; 120(3):544–50
Miwa K see **Fujita M**
Mixter RC, David DJ, Perloff WH, Green CG, Pauli RM, Popic PM. Obstructive sleep apnea in Apert's and Pfeiffer's syndromes: more than a craniofacial abnormality. Plast Reconstr Surg 1990 Sep;86(3):457–63
Miyachi Y, Terazono T, Nagao N, Shoji T, Irie M. Epidermal growth factor (EGF) receptors in human chorionic gonadotropin-producing tumor: transplantation in nude mice and the effect of EGF on tumor growth. J Clin Endocrinol Metab 1990 Aug;71(2):329–34
Miyadai T see **Iwata H**
Miyaguchi M, Sakai S, Mori N, Kitaoku S. Symptoms in patients with maxillary sinus carcinoma. J Laryngol Otol 1990 Jul;104(7):557–9
Miyajima E see **Yamada K**
Miyakawa I see **Nemoto R**
Miyamoto C see **Tamura S**
Miyamoto K see **Nagakawa J**
Miyamoto K see **Yonenaga K**
Miyamoto M see **Enomoto T**
Miyamoto Y see **Mortimer EA Jr**
Miyamura K see **Matsumoto E**
Miyasaka M see **Hoshino S**
Miyata M see **Nakahara K**
Miyazaki N see **Aizawa H**
Miyoshi S, Schaefers HJ, Trulock EP, Yamazaki F, Schreinemakers H, Patterson GA, Cooper J. Donor selection for single and double lung transplantation. Chest size matching and other factors influencing posttransplantation vital capacity. Chest 1990 Aug; 98(2):308–13
Miyoshi S see **Nakahara K**
Mizanin J see **Cohen A**
Mizoguchi H see **Hoshino S**
Mizrahi S see **Govrin-Yehudain J**
Mizumaki K see **Fujiki A**
Mizuno K see **Kamiya N**
Mizuno T see **Tarao K**
Mizutani AR, Parker J, Katz J, Schmidt J. Visual disturbances, serum glycine levels and transurethral resection of the prostate. J Urol 1990 Sep;144(3):697–9
Mizutani M, Ben Freedman S, Barns E, Ogasawara S, Bailey BP, Bernstein L. ST monitoring for myocardial ischemia during and after coronary angioplasty. Am J Cardiol 1990 Aug 15;66(4):389–93
Monyeri A see **Sessler DI**
Moccia P. The nursing shortage: dynamics and solutions. Toward the future: how could 2 million registered nurses not be enough? Nurs Clin North Am 1990 Sep;25(3):605–13
Mochida S, Ogata I, Hirata K, Ohta Y, Yamada S, Fujiwara K. Provocation of massive hepatic necrosis by endotoxin after partial hepatectomy in rats. Gastroenterology 1990 Sep;99(3):771–7
Mochizuki M see **de Smet MD**
Mockli GC, Stein RM. Cystic lymphoepithelial lesion of the pancreas. Arch Pathol Lab Med 1990 Aug;114(8):85–7 (11 ref.)
Modell JG, Mountz JM. Drinking and flying—the problem of alcohol use by pilots. N Engl J Med 1990 Aug 16; 323(7):455–61 (63 ref.)
Modica MA see **Caruso C**
Modlin IM see **Lewis JJ**
Moe GW, Canepa-Anson R, Howard RJ, Armstrong PW. Response of atrial natriuretic factor to postural change in patients with heart failure versus subjects with normal hemodynamics. J Am Coll Cardiol 1990 Sep;16(3):599–606
Moecke HP see **Bredtmann RD**
Moeckli R see **Lipka JJ**
Moeller DM see **Kerr TM**
Moen R see **Rosenberg SA**
Moeneclaey LL see **Marquet JF**
Moenter SM, Caraty A, Karsch FJ. The estradiol-induced surge of gonadotropin-releasing hormone in the ewe. Endocrinology 1990 Sep;127(3):1375–84
Moertel CG see **Windschitl HE**
Moffat LF see **Rajan TV**
Mogadam M, Ahmed SW, Mensch AH, Godwin ID. Within-person fluctuations of serum cholesterol and lipoproteins [see comments] Arch Intern Med 1990 Aug; 150(8):1645–8. Comment in: Arch Intern Med 1990 Aug;150(8):1583–5.
Mohamed AA see **Omran SA**
Mohan S see **Perkel VS**
Mohandas N see **Conboy J**
Mohandas N see **Marchesi SL**
Mohanty PK see **Scherrer U**
Mohiuddin IH see **Ohtani H**
Mohrmann R see **Chin TK**
Mohsenifar Z see **Soo Hoo GW**
Moir CR see **Bartley GB**
Moirot M see **Giovangrandi Y**
Moisan MP, Seckl JR, Edwards CR. 11 beta-hydroxysteroid dehydrogenase bioactivity and messenger RNA expression in rat forebrain: localization in hypothalamus, hippocampus, and cortex. Endocrinology 1990 Sep; 127(3):1450–5
Moise J see **Strom CM**
Moise KJ Jr see **Gonsoulin W**
Mok CK see **Lau KC**
Mok CO see **Griffin SM**
Mok DW, Fogg AJ, Hokan R, Bayley JI. The diagnostic value of arthroscopy in glenohumeral instability. J Bone Joint Surg [Br] 1990 Jul;72(4):698–700
Molarte A see **Isenberg SJ**
Molavi A see **Pepe R**
Mole J see **Lu S**
Molenaar JC see **Provoost AP**
Molina E see **Schwaiger M**
Molina PL, Siegel MJ, Glazer HS. Thymic masses on MR imaging. AJR Am J Roentgenol 1990 Sep;155(3):495–500
Mollen N see **Rubinstein P**
Mollick J see **Chatwani A**
Molteni A see **Ward WF**
Molyneux ME. Cerebral malaria in children: clinical implications of cytoadherence. Am J Trop Med Hyg 1990 Aug;43(2 Pt 2):38–41 (20 ref.)
Mombour W see **Hiller W**
Momose KJ see **Joseph MP**
Monaco G see **Pignata C**
Moncada VY see **Gorden DL**
Monjour L see **Dubarry M**
Monro JL see **Sreeram N**
Monsell EM. Receptors in acoustic neuroma [letter] Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1092
Monso E, Tura JM, Marsal M, Morell F, Pujadas J, Morera J. Mineralogical microanalysis of idiopathic pulmonary fibrosis. Arch Environ Health 1990 May-Jun;45(3):185–8
Monsuez JJ see **Grange F**
Montague TJ see **Kornreich F**
Montali RJ see **Doi S**
Montambault M see **Marliss EB**
Montandon D see **Tassonyi E**
Montastruc JL see **Rascol O**
Montastruc JL see **Senard JM**
Monteagudo M, Lima J, Bravo ML, García-Bragado F, Lience E, Vilardell M, Arnal MC. Arthritis mutilans, tumoral calcinosis, Raynaud's phenomenon and Sjögren's syndrome. Br J Rheumatol 1990 Aug;29(4):303–5
Monteiro C see **Chiu T**
Montenegro T see **Gonzalez AE**
Montero A see **Eguaras MG**
Montesano MA, Freeman GL Jr, Gazzinelli G, Colley DG. Expression of cross-reactive, shared idiotypes on anti-SEA antibodies from humans and mice with schistosomiasis. J Immunol 1990 Aug 1;145(3):1002–8
Montgomery AB, Corkery KJ, Brunette ER, Leoung GS, Waskin H, Debs RJ. Occupational exposure to aerosolized pentamidine. Chest 1990 Aug;98(2):386–8
Montgomery AB see **Rubin DB**
Montgomery J see **Studd JW**
Montigny M, Stanley P, Chartrand C, Selman E, Fournier A, Davignon A. Postoperative evaluation after end-to-end subclavian-left coronary artery anastomosis in anomalous left coronary artery. J Thorac Cardiovasc Surg 1990 Aug; 100(2):270–3
Montoro M see **Kjos SL**
Montoro R see **Feliciano N**
Montoya RM see **Larralde C**
Montserrat P see **Haissaguerre M**
Monzón H see **Avila JL**
Moodley J see **Cabrol D**
Moody KD, Barthold SW, Terwilliger GA. Lyme borreliosis in laboratory animals: effect of host species and in vitro passage of Borrelia burgdorferi. Am J Trop Med Hyg 1990 Jul;43(1):87–92
Moody M see **Bunt TJ**
Mooi WJ see **Jonk A**
Moolenaar AJ see **Haak HR**
Mooney ND see **Dohm GL**
Mooney P, Dalton KJ, Swindells HE, Rushant S, Cartwright W, Juett D. Blood pressure measured telemetrically from home throughout pregnancy. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):30–6
Moorcraft J see **Murphy KW**
Moore AM see **Polkowski J**
Moore D see **Sostman HD**
Moore DE, Segars JH Jr, Winfield AC, Page DL, Eisenberg AD, Holburn GE. Effects of contrast agents on the fallopian tube in a rabbit model. Radiology 1990 Sep;176(3):721–4
Moore EE. Swimming with the sharks—without the family being eaten alive. Surgery 1990 Aug;108(2):125–38
Moore EW see **Sanyal AJ**
Moore GE. The need for a Human Cell Organization [editorial] Cancer 1990 Aug 15;66(4):617–8
Moore JB see **Aniskiewicz AS**
Moore JG see **Gambone JC**
Moore JL, Rodriguez R. Toxicity of fluoxetine in overdose [letter] Am J Psychiatry 1990 Aug;147(8):1089
Moore JL see **Horsburgh CR Jr**
Moore JR see **Weiss AP**
Moore JW, Brekke JH. Foreign body giant cell reaction related to placement of tetracycline-treated polylactic acid: report of 18 cases. J Oral Maxillofac Surg 1990 Aug; 48(8):808–12
Moore KH, Dunbar BS, Bousfield GR, Ward DN. The heterogeneity of porcine 32,000 Mr inhibin alpha-subunit: a gel electrophoresis and immunoblot study. Endocrinology 1990 Sep;127(3):1477–86
Moore M see **Shannon FB**
Moore M see **Tumeh SS**
Moore N see **Levesque H**
Moore NC see **Lauterbach EC**
Moore P see **Johnson SE**
Moore PS, Hierholzer J, DeWitt W, Gouan K, Djoré D, Lippeveld T, Plikaytis B, Broome CV. Respiratory viruses and mycoplasma as cofactors for epidemic group A meningococcal meningitis. JAMA 1990 Sep 12; 264(10):1271–5
Moore SA see **Fabry Z**
Moorthy B, Colditz PR, Ives KN, Rees DG, van't Hoff WG, Hope PL. Reproducibility of cerebral artery Doppler measurements. Arch Dis Child 1990 Jul;65(7 Spec No):700–1
Moorthy SS, Dierdorf SF. Cardiac cycle and synchronous left hemidiaphragmatic contraction [letter] Anesth Analg 1990 Aug;71(2):206–7
Moossa AR, Mayer AD, Stabile B. Iatrogenic injury to the bile duct. Who, how, where? Arch Surg 1990 Aug; 125(8):1028–30; discussion 1030–1
Moot WJ see **Slebos RJ**
Moote DJ see **Dresler CM**
Mora CA see **Yanagihara R**
Mora-Worms M see **Lucas C**
Morales S see **Bellmunt J**
Morales-Olivas FJ see **Martinez-Mir I**
Moran EJ. Execs who switch careers get mixed results. Hospitals 1990 Aug 20;64(16):44
Moran F see **Notterman DA**
Moran JF see **Wilber DJ**
Moran MB, Granieri EC. Questions raised on efficacy of vitamin B-12 therapy for patients with dementia [letter] J Am Diet Assoc 1990 Aug;90(8):1055
Morancho J see **Vidal F**
Moreb J, Zucali JR, Rueth S. The effects of tumor necrosis factor-alpha on early human hematopoietic progenitor cells treated with 4-hydroperoxycyclophosphamide. Blood 1990 Aug 15;76(4):681–9
Morehead K see **Howard RJ**
Morel P, Alexander-Williams J, Rohner A. Relation between

flow-pressure-diameter studies in experimental stenosis of rabbit and human small bowel. Gut 1990 Aug;31(8):875-8
Morell F see **Monso E**
Morelos BS see **Krummen LA**
Morera J see **Monso E**
Morgan BJ see **Scherrer U**
Morgan BM, Magni V, Goroszeniuk T. Anaesthesia for emergency caesarean section. Br J Obstet Gynaecol 1990 May;97(5):420-4
Morgan DR, Lamont TJ, Dawson JD, Booth C. Decontamination of instruments and control of cross infection in general practice. BMJ 1990 May 26; 300(6736):1379-80
Morgan DW see **Hoare TJ**
Morgan E, Froning ML. Child sexual abuse sequelae and body-image surgery. Plast Reconstr Surg 1990 Sep; 86(3):475-8; discussion 479-80
Morgan GD see **Fisher EB Jr**
Morgan K see **Buckee C**
Morgan M see **Powell H**
Morgan MT. Managed care plans & denial of care [letter] Ann Emerg Med 1990 Jul;19(7):843
Morgan RA see **Rosenberg SA**
Morgan RK see **Uveges JM**
Morgan WR see **Rainwater LM**
Morgan-Hughes JO, Bangham JA. Pre-induction behaviour of children. A review of placebo-controlled trials of sedatives. Anaesthesia 1990 Jun;45(6):427-35 (40 ref.)
Mori H see **Takeuchi Y**
Mori L see **Zella D**
Mori M see **Matsukuma A**
Mori M see **Schuening FG**
Mori M see **Yakeishi Y**
Mori N see **Ikeda T**
Mori N see **Koike H**
Mori N see **Miyaguchi M**
Mori O, Hachisuka H, Nakano S, Sasai Y, Shiku H. Expression of ras p21 in mammary and extramammary Paget's disease. Arch Pathol Lab Med 1990 Aug; 114(8):858-61
Mori T see **Enomoto T**
Mori Y see **Toyoda N**
Morice AH see **Rogers TK**
Moriel EZ see **Farkas A**
Morikawa S see **Kumada K**
Morimura T see **Mihara M**
Morioka M, Sen Y, Inoue K, Fujita Y. Adrenal adenoma with excess secretion of corticosterone and 18-hydroxycorticosterone. J Urol 1990 Sep;144(3):731-2
Morioka Y see **Kataoka Y**
Morita K see **Inoue T**
Moriyasu F see **Kumada K**
Morlé F see **Morlé L**
Morlé L, Roux AF, Alloisio N, Pothier B, Starck J, Denoroy L, Morlé F, Rudigoz RC, Forget BG, Delaunay J, et al. Two elliptocytogenic alpha I/74 variants of the spectrin alpha I domain. Spectrin Culoz (GGT——GTT; alpha I 40 Gly——Val) and spectrin Lyon (CTT——TTT; alpha I 43 Leu——Phe). J Clin Invest 1990 Aug;86(2):548-54
Morley AA see **Mueller UW**
Morley CJ, Morley R. Follow up of premature babies treated with artificial surfactant (ALEC). Arch Dis Child 1990 Jul;65(7 Spec No):667-9
Morley R see **Morley CJ**
Morowitz HJ. Tatami taxonomy. Hosp Pract [Off] 1990 Aug 15;25(8):65-6, 69
Morowitz HJ. Daibutsu and Descartes. Hosp Pract [Off] 1990 Jul 15;25(7):57, 61
Morozumi M see **Ogawa Y**
Morparia HK, Vontivillu JA, Merchant SA. Stopper fragments: a technique for reducing their occurrence [letter] AJR Am J Roentgenol 1990 Sep;155(3):659-60
Morrell K see **Pigott TJ**
Morris AH see **Boehm SH**
Morris AM. Prevention of pressure sores [letter] Lancet 1990 Jul 28;336(8709):260
Morris HA see **Nordin BE**
Morris IM, Mattingly PC, Thompson AJ. Radiological erosions in frozen shoulder. Br J Rheumatol 1990 Aug; 29(4):293-4
Morris J see **Readett DR**
Morris JA. Spontaneous mutation rate in retinoblastoma. J Clin Pathol 1990 Jun;43(6):496-8
Morris JA Jr, Wilcox TR, Noreuil T, Frist WH. Organ donation: a university hospital experience. South Med J 1990 Aug;83(8):884-8
Morris JC see **Romanelli MF**
Morris JJ Jr. Mechanisms of ischemia in coronary artery disease: spontaneous decrease in coronary blood supply. Am Heart J 1990 Sep;120(3):746-56; discussion 769-72 (40 ref.)
Morris JN, Clayton DG, Everitt MG, Semmence AM, Burgess EH. Exercise in leisure time: coronary attack and death rates. Br Heart J 1990 Jun;63(6):325-34
Morris JN. Inequalities in health: ten years and little further on. Lancet 1990 Aug 25;336(8713):491-3
Morris JS see **Hunter DJ**
Morris KD see **Hinton RJ**
Morris LE Jr see **Smitherman MH**
Morris PW see **Unterman TG**
Morris TW see **Sahler LG**
Morris-Jones PH, Craft AW. Childhood cancer: cure at what cost? Arch Dis Child 1990 Jun;65(6):638-40 (32 ref.)
Morrison A see **Lefkowith JB**
Morrison AW see **Baldwin DL**
Morrison DA. Coronary angioplasty for medically refractory unstable angina within 30 days of acute myocardial infarction. Am Heart J 1990 Aug;120(2):256-61
Morrison DC see **Flebbe LM**
Morrison K see **Kretschmer C**
Morrison MH see **Ertel W**
Morrissey PJ see **Reed SG**
Morrow CP. Endometrial cancer--the high-risk early-stage patient [editorial; comment] West J Med 1990 Jul; 153(1):78-9. Comment on: West J Med 1990 Jul;153(1):50-61.
Morrow DH see **Hawkins JL**
Morse LS see **Landers MB 3d**
Morse LS see **Semple HC**
Morse MJ see **Wallner KE**
Morse RM, Resnick MI. Detection of clinically occult prostate cancer. Urol Clin North Am 1990 Aug; 17(3):567-74 (86 ref.)
Morsman JM see **Baravilala WR**
Mortel KF, Meyer JS, Sims PA, McClintic K. Diabetes mellitus as a risk factor for stroke. South Med J 1990 Aug; 83(8):904-11
Mortel R see **Misas JE**
Mortelliti AJ, Malmgren LT, Gacek RR. Ultrastructural changes with age in the human superior laryngeal nerve. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1062-9 (73 ref.)
Mortensen N see **Fasoli R**
Mortensen NJ see **Houghton PW**
Mortimer D see **Scott SG**
Mortimer EA Jr, Kimura M, Cherry JD, Kuno-Sakai H, Stout MG, Dekker CL, Hayashi R, Miyamoto Y, Scott JV, Aoyama T, et al. Protective efficacy of the Takeda acellular pertussis vaccine combined with diphtheria and tetanus toxoids following household exposure of Japanese children. Am J Dis Child 1990 Aug;144(8):899-904
Mortimer EA Jr see **Cherry JD**
Mortimer PP see **Salker R**
Mortimer RH see **Yap AS**
Morton D see **Fawzy FI**
Morton DL. Current management of malignant melanoma [editorial] Ann Surg 1990 Aug;212(2):123-4
Morton K see **Parham DM**
Morton RA see **Walsh PC**
Mosby EL see **Eick JD**
Moseley MJ, Shaw DE. Method-comparison studies: the Keeler Pulsair tonometer [letter] Anaesthesia 1990 Jul; 45(7):595-6
Moseley MJ see **Robinson J**
Moseley SL see **Tacket CO**
Mosely S see **Scully JM**
Moser R see **Schleiffenbaum B**
Moser RH. Ignorance--inevitable but invigorating [editorial; comment] West J Med 1990 Jul;153(1):76-7. Comment on: West J Med 1990 Jul;153(1):17-23.
Moser-Veillon PB. Zinc: consumption patterns and dietary recommendations. J Am Diet Assoc 1990 Aug; 90(8):1089-93
Moses AV, Garnett HM. The effect of human cytomegalovirus on the production and biologic action of interleukin-1. J Infect Dis 1990 Aug;162(2):381-8
Moses FM see **Baska RS**
Moses LE see **Bloch DA**
Mosesson MW. Fibrin polymerization and its regulatory role in hemostasis. J Lab Clin Med 1990 Jul;116(1):8-17 (132 ref.)
Moshage W see **Schneider S**
Mosher WD, Pratt WF. Use of contraception and family planning services in the United States, 1988. Am J Public Health 1990 Sep;80(9):1132-3
Moskowitz C see **Greene P**
Moskowitz W see **Porter T**
Mosley JG, Desai A, Gupta I. Mesenteric arteritis. Gut 1990 Aug;31(8):956-7
Mosley RL, Styre D, Klein JR. Differentiation and functional maturation of bone marrow-derived intestinal epithelial T cells expressing membrane T cell receptor in athymic radiation chimeras. J Immunol 1990 Sep 1;145(5):1369-75
Moss AJ see **Benhorin J**
Moss DJ see **Sculley TB**
Moss GD, Primavesi RJ, McGraw ME, Chambers TL. Correction of hypernatraemia with continuous arteriovenous haemodiafiltration. Arch Dis Child 1990 Jun; 65(6):628-30
Moss RM, Kunpittaya S, Sorasuchart A. Cervical necrotizing fasciitis: an uncommon sequela to dental infection. Ann Otol Rhinol Laryngol 1990 Aug;99(8):643-6
Mossberg KA see **Spence DW**
Mossman D, Somoza E. Criteria for self-defeating personality disorder [letter] Am J Psychiatry 1990 Aug;147(8):1107-8
Mostofi FK see **Rushton HG**
Mostow SR, Cate TR, Ruben FL. Prevention of influenza and pneumonia. Am Rev Respir Dis 1990 Aug;142(2):487-8
Mostowfi K see **Wilbur AC**
Motin JP see **Annat GJ**
Motley NS see **Nielsen DH**
Motley RJ. Pseudoporphyria due to dyazide in a patient with vitiligo. BMJ 1990 Jun 2;300(6737):1468
Motley RJ see **Maddox PR**
Motohiro A see **Hara N**
Motoji T see **Hoshino S**
Motolese M see **Tantucci C**
Motoyoshi F see **Kondo N**
Motta AO see **Crass JR**
Motzer RJ, Geller NL, Bosl GJ. The effect of a 7-day delay in chemotherapy cycles on complete response and event-free survival in good-risk disseminated germ cell tumor patients. Cancer 1990 Sep 1;66(5):857-61
Moukides M see **Goldberg IJ**
Moulard A see **Métroz-Dayer MD**
Moulin D see **Sokal EM**
Mounier F see **Di Sciullo A**
Mountfort LK see **Brenwald NP**
Mountz JD, Mushinski JF, Owens JD, Finkelman FD. The in vivo generation of murine IgD-secreting cells is accompanied by deletion of the C mu gene and occasional deletion of the gene for the C delta 1 domain. J Immunol 1990 Sep 1;145(5):1583-91
Mountz JM see **Modell JG**
Moussa SM see **Fox KR**
Moussavi RS see **Miller RG**
Mowat AP see **Lobo-Yeo A**
Mowat AP see **Sokal EM**
Mowat NA see **Crofton RW**
Moxon ER see **Wakefield AE**
Moya FR, Grannum PA, Riddick L, Robert JA, Pinheiro J. Atrial natriuretic factor in hydrops fetalis caused by Rh isoimmunisation. Arch Dis Child 1990 Jul;65(7 Spec No):683-6
Mozzi F see **Bellobuono A**
Mroczek WJ see **Feliciano N**
Msengi AE see **Kawo NG**
Msika S see **Houry S**
Mucha P Jr see **Bjork KJ**
Muckart DJ, Abdool-Carrim AT, King B. Selective conservative management of abdominal gunshot wounds: a prospective study. Br J Surg 1990 Jun;77(6):652-5
al-Mudallal R, Rosenbaum H, Schwartz HJ, Boyle JM. Anaphylactic reaction to barium enema [letter] Am J Med 1990 Aug;89(2):251
Mueckler M see **Bourey RE**
Mueller GC see **Furlow JD**
Mueller HA see **Hassell PR**
Mueller RA see **Thorp JM Jr**
Mueller UW, Hawes CS, Wright AE, Petropoulos A, DeBoni E, Firgaira FA, Morley AA, Turner DR, Jones WR. Isolation of fetal trophoblast cells from peripheral blood of pregnant women. Lancet 1990 Jul 28;336(8709):197-200
Muff R, Dambacher MA, Perrenoud A, Simon C, Fischer JA. Efficacy of intranasal human calcitonin in patients with Paget's disease refractory to salmon calcitonin. Am J Med 1990 Aug;89(2):181-4
Mufti GR, Aitchison M, Bramwell SP, Paterson PJ, Scott R. Corporeal plication for surgical correction of Peyronie's disease. J Urol 1990 Aug;144(2 Pt 1):281-2; discussion 283
Mughini L see **Nicoletti F**
al Muhanna A, Abu Chra KA, Dashti H, Behbehani A, al-Naqeeb N. Thyroid lobectomy for removal of a fish bone. J Laryngol Otol 1990 Jun;104(6):511-2
Mühlbauer T see **Pollak H**
Mühlhauser I see **Sawicki P**
Mühlhauser J see **Gorden DL**
Mui BS, Mulligan ME, George WL. Response of HIV-associated disseminated cat scratch disease to treatment with doxycycline. Am J Med 1990 Aug; 89(2):229-31
Muir JD, Randalls PB, Smith GB. End tidal carbon dioxide detector for monitoring cardiopulmonary resuscitation [letter] BMJ 1990 Jul 7;301(6742):41-2
Muirden KD. What does ILAR do? International League Against Rheumatism [editorial] Br J Rheumatol 1990 Aug; 29(4):243-4
Muizelaar JP see **Bouma GJ**
Mujica P see **Fernández-Palazzi F**
Mukai DS see **Brenner M**
Mukaida H see **Toi M**
Mukamel M, Mimouni M. Sternocleidomastoid tumor of infancy [letter] Ann Otol Rhinol Laryngol 1990 Aug; 99(8):678
Mukherjee AB. In vitro human placental model to study transfer of thiamin from the mother to the fetus: effect of ethanol in this system [editorial] J Lab Clin Med 1990 Jul;116(1):6-7
Mukoyama M see **Fujiwara T**
Mukoyama M see **Itoh H**
Mukoyama M, Nakao K, Saito Y, Ogawa Y, Hosoda K, Suga S, Shirakami G, Jougasaki M, Imura H. Increased human brain natriuretic peptide in congestive heart failure [letter] N Engl J Med 1990 Sep 13;323(11):757-8
Mulder NH see **Welberg JW**
Mullan M see **Clinton J**
Mullan S see **Ausman JI**
Mullee MA see **Hunt TM**
Mullee MA see **Jones KP**
Mullen JL see **Wadden TA**
Mullen PD see **Ershoff DH**
Muller MF see **Kahn A**
Müller-Hermelink HK see **Dämmrich J**
Mulley AG see **Eagle KA**
Mulligan ME see **Mui BS**
Mullins P see **Smyth RL**

Mulloy K see **Munoz E**
Mulrow CD, Aguilar C, Endicott JE, Tuley MR, Velez R, Charlip WS, Rhodes MC, Hill JA, DeNino LA. Quality-of-life changes and hearing impairment. A randomized trial. Ann Intern Med 1990 Aug 1; 113(3):188–94
Mulroy RD, Mankin HJ, Harris WH. Insertion of a prosthetic hip into a total hip allograft. Case report. J Bone Joint Surg [Br] 1990 Jul;72(4):643–6
Multz AS, Aldrich TK, Prezant DJ, Karpel JP, Hendler JM. Maximal inspiratory pressure is not a reliable test of inspiratory muscle strength in mechanically ventilated patients. Am Rev Respir Dis 1990 Sep;142(3):529–32
Muluk SC, Hakim FT, Shearer GM. Murine cytomegalovirus infection can enhance hybrid resistance through modulation of host natural killer activity. J Immunol 1990 Aug 15;145(4):1113–9
Mulvihill P see **Cras P**
Mulvihill P see **Galloway PG**
Mumaw VR see **Gillock CB**
Munakata T see **Chowdhury MI**
Munk PL see **Helms CA**
Munn R see **Davey DD**
Munnich A see **Meiki J**
Munoz E, Mulloy K, Goldstein J, Josephson J, Tenenbaum N, Wise L. Physicians' patient load per DRG, the consumption of hospital resources, and the incentives of the DRG prospective payment system. Acad Med 1990 Aug;65(8):533–8
Munoz R see **Garcia-Dorado D**
Munro HM. An accident with the Lack system [letter] Anaesthesia 1990 Jul;45(7):601–2
Munro T see **Messieh SS**
Munson KW see **Sandhu DP**
Munz DL, Sandrock D, Rilinger N. Comparison of immunoscintigraphy and colloid scintigraphy of bone marrow [letter] Lancet 1990 Jul 28;336(8709):258–9
Muramatsu J see **Kurokawa S**
Murch SH see **Murrant NJ**
Murphy BR see **Steinhoff MC**
Murphy CF see **Ravdin JI**
Murphy DA see **Ali IM**
Murphy DM see **Shapira N**
Murphy EL see **Lipka JJ**
Murphy J see **Ahmed F**
Murphy JM see **Johnson RG**
Murphy KG, Secunda JA, Rockoff MA. Severe burns from a pulse oximeter. Anesthesiology 1990 Aug;73(2):350–2
Murphy KP, Opitz JL, Cabanela ME, Ebersold MJ. Cervical fractures and spinal cord injury: outcome of surgical and nonsurgical management. Mayo Clin Proc 1990 Jul; 65(7):949–59
Murphy KW, Johnson P, Moorcraft J, Pattinson R, Russell V, Turnbull A. Birth asphyxia and the intrapartum cardiotocograph. Br J Obstet Gynaecol 1990 Jun; 97(6):470–9
Murphy LJ see **Luo J**
Murphy MS, Eastham EJ, Nelson R, Aynsley-Green A. Non-invasive assessment of intraluminal lipolysis using a 13CO2 breath test. Arch Dis Child 1990 Jun;65(6):574–8
Murphy PG, Craig I, Lafong AC, Smyth ET. Evaluation of two rapid methods for identifying and biotyping Haemophilus influenzae. J Clin Pathol 1990 Jul;43(7):581–3
Murphy PM, Gault DT. Treatment of extravasation injury [letter] Anaesthesia 1990 Jul;45(7):600
Murphy SP, Subar AF, Block G. Vitamin E intakes and sources in the United States. Am J Clin Nutr 1990 Aug; 52(2):361–7
Murphy-Chutorian D see **Geschwind HJ**
Murrant NJ, Cook JA, Murch SH. Acute ENT admission in Kawasaki disease. J Laryngol Otol 1990 Jul;104(7):581–4
Murray CJ see **Horwitz RI**
Murray DJ, Mehta MP, Forbes RB, Dull DL. Additive contribution of nitrous oxide to halothane MAC in infants and children. Anesth Analg 1990 Aug;71(2):120–4
Murray DR see **Sugarbaker PH**
Murray JF see **Rubin DB**
Murray JJ see **Schoetz DJ Jr**
Murray JL. Women and the future of family practice? [editorial] Am Fam Physician 1990 Aug;42(2):360, 362
Murray M see **Farrell GC**
Murray R see **Browne K**
Murray T see **Neugut AI**
Murray WR see **Teenan RP**
Murray d. Recurrence of puerperal psychosis not prevented by prophylactic progesterone administration. J Nerv Ment Dis 1990 Aug;178(8):537–8
Murro AM see **Huh K**
Mursch-Edlmayr G see **Reinthaller A**
Murty GE, Watson MG. Diathermy haemostasis at tonsillectomy: current practice—a survey of U.K. otolaryngologists. J Laryngol Otol 1990 Jul;104(7):549–52
Muser DE see **Mylod AG Jr**
Mushinski JF see **Mountz JD**
Muskiet FA see **van Beusekom C**
Muskin PR see **Strauss DH**
Mussurakis S, Papaioannou S, Voros D, Vrakatselis T. Compression ultrasonography as a reliable imaging monitor in deep venous thrombosis. Surg Gynecol Obstet 1990 Sep; 171(3):233–9
Mustafa MM, Ramilo O, Sáez-Llorens X, Olsen KD, Magness RR, McCracken GH Jr. Cerebrospinal fluid prostaglandins, interleukin 1 beta, and tumor necrosis factor in bacterial meningitis. Clinical and laboratory correlations in placebo-treated and dexamethasone-treated patients. Am J Dis Child 1990 Aug;144(8):883–7
Mustaphin DS see **Balmukhanov SB**
Mustoe TA, Landes A, Cromack DT, Mistry D, Griffin A, Deuel TF, Pierce GF. Differential acceleration of healing of surgical incisions in the rabbit gastrointestinal tract by platelet-derived growth factor and transforming growth factor, type beta. Surgery 1990 Aug;108(2):324–9; discussion 329–30
Muta K see **Kato S**
Mutch DG, Soper JT, Babcock CJ, Clarke-Pearson DL, Hammond CB. Recurrent gestational trophoblastic disease. Experience of the Southeastern Regional Trophoblastic Disease Center. Cancer 1990 Sep 1;66(5):978–82
Mutch L, Leyland A. Growth and nutrition in children with cerebral palsy [letter] Lancet 1990 Sep 1;336(8714):569–70
Mutch WJ see **Ebmeier KP**
Mutgi A see **Kathol RG**
Mutlukan E, Cullen JF. Can empty sella syndrome be mistaken for a progressive form of nonarteritic ischemic optic neuropathy? [letter] Arch Ophthalmol 1990 Aug; 108(8):1066–7
Mutz N see **Putensen C**
Muus P see **De Witte T**
Muzzi DA see **Losasso T**
Myatt L see **Bennett PR**
Mychaliska GB see **Camargo CA Jr**
Myer CM 3d see **Matt BH**
Myer MS see **Shephard EG**
Myerburg RJ see **Furukawa T**
Myers CE see **La Rocca RV**
Myers CE see **Pluda JM**
Myers EN see **Arriaga MA**
Myers JA see **Coplen DE**
Myers MG. New drugs for hypertension: should data precede conclusions? Can Med Assoc J 1990 Aug 15;143(4):265–7 (10 ref.)
Myers RP see **Nativ O**
Myers SI see **Reed M**
Mylod AG Jr, France MP, Muser DE, Parsons JR. Perioperative blood loss associated with total knee arthroplasty. A comparison of procedures performed with and without cementing. J Bone Joint Surg [Am] 1990 Aug; 72(7):1010–2
Myo-Khin see **Khin-Maung-U**
Mysiw WJ see **Fitz WR**

N

Nabel EG, Selwyn AP, Ganz P. Large coronary arteries in humans are responsive to changing blood flow: an endothelium-dependent mechanism that fails in patients with atherosclerosis [see comments] J Am Coll Cardiol 1990 Aug;16(2):349–56. Comment in: J Am Coll Cardiol 1990 Aug;16(2):357–8.
Nachamie M see **Schrem SS**
Nachbar JM see **Osler TM**
Nachtigall L see **Goldstein SR**
Nachtigall M see **Goldstein SR**
Naclerio RM see **Bascom R**
Nacov E. Tumor angiogenesis formation of vessels de novo at germ cell tumors. Cancer 1990 Sep 1;66(5):916–22
Nacy CA see **Belosevic M**
Nadel AS, Green JK, Holmes LB, Frigoletto FD Jr, Benacerraf BR. Absence of need for amniocentesis in patients with elevated levels of maternal serum alpha-fetoprotein and normal ultrasonographic examinations. N Engl J Med 1990 Aug 30;323(9):557–61
Nadel JA see **Rubinstein I**
Nademanee K see **Stevenson WG**
Naeije R see **Lejeune P**
Naeye RL. Maternal body weight and pregnancy outcome. Am J Clin Nutr 1990 Aug;52(2):273–9
Nagakawa J, Hishinuma I, Hirota K, Miyamoto K, Yamanaka T, Tsukidate K, Katayama K, Yamatsu I. Involvement of tumor necrosis factor-alpha in the pathogenesis of activated macrophage-mediated hepatitis in mice. Gastroenterology 1990 Sep;99(3):758–65
Nagano S see **Tonoki H**
Nagao N see **Miyachi Y**
Nagaratnam N, Hansor M. Acute vertiginous presentation of primary thalamic hemorrhage. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1077–8
Nagashima M see **Takeuchi Y**
Nagasue N, Kohno H, Chang YC, Yamanoi A, Nakamura T, Yukaya H, Hayashi T. Clinicopathologic comparisons between estrogen receptor-positive and -negative hepatocellular carcinomas. Ann Surg 1990 Aug; 212(2):150–4
Nagasue N, Yukaya H, Chang YC, Yamanoi A, Kohno H, Hayashi T, Nakamura T. Assessment of pattern and treatment of intrahepatic recurrence after resection of hepatocellular carcinoma. Surg Gynecol Obstet 1990 Sep; 171(3):217–22
Nagata M see **Hatamori N**
Nagata S see **Yoshioka T**
Nagayama Y see **Chazenbalk GD**
Nagayama Y, Seto P, Rapoport B. Characterization, by molecular cloning, of smaller forms of thyroid peroxidase messenger ribonucleic acid in human thyroid cells as alternatively spliced transcripts. J Clin Endocrinol Metab 1990 Aug;71(2):384–90
Nagel JS see **Tumeh SS**
Nagelkerk JM, Henry BM. Strategic decision making. J Nurs Adm 1990 Jul-Aug;20(7–8):18–23
Nagey DA. Appropriate screening tests [letter] Am J Obstet Gynecol 1990 Aug;163(2):688–9
el-Naggar AK, Batsakis JG, Teague K, Giacco G, Guinee VF, Swanson D. Acridine orange flow cytometric analysis of renal cell carcinoma. Clinicopathologic implications of RNA content. Am J Pathol 1990 Aug;137(2):275–80
Nagorney DM see **Bjork KJ**
Nagorney DM see **Martin JK Jr**
Nagorney DM see **Spencer MP**
Nagura H see **Seki S**
Nahmias AJ see **Gibson JJ**
Nahmod V see **Vindrola O**
Nahoul K see **Rohmer V**
Nahrwold DL see **Talamonti MS**
Nahum H see **Vilgrain V**
Nair NP see **Yassa R**
Najarian MP see **Wyatt D**
Najjar MF see **Fanelli-Kuczmarski MT**
Nakagawara A, Sasazuki T, Akiyama H, Kawakami K, Kuwano A, Yokoyama T, Kume K. N-myc oncogene and stage IV-S neuroblastoma. Preliminary observations on ten cases. Cancer 1990 May 1;65(9):1960–7 (39 ref.)
Nakahara K, Fujii Y, Miyoshi S, Yoneda A, Miyata M, Kawashima Y. Acute symptoms due to a huge duplication cyst ruptured into the esophagus. Ann Thorac Surg 1990 Aug;50(2):309–11
Nakajima M see **Inui A**
Nakajima ST, McAuliffe T, Gibson M. The 24-hour pattern of the levels of serum progesterone and immunoreactive human chorionic gonadotropin in normal early pregnancy. J Clin Endocrinol Metab 1990 Aug;71(2):345–53
Nakajima T see **Yoshimura Y**
Nakamura F see **Uchida Y**
Nakamura H see **del Nido PJ**
Nakamura H see **Fujita J**
Nakamura H see **Furui S**
Nakamura K see **Mihara M**
Nakamura T see **Abe S**
Nakamura T see **Nagasue N**
Nakamura T see **Toi M**
Nakamura Y, Harada K, Hashimoto T, Fukuda S, Okudera T, Maruyama H. A statistical study of autopsied cases of neonatal intraventricular hemorrhage. Arch Pathol Lab Med 1990 Sep;114(9):966–9
Nakamura Y see **Kataoka Y**
Nakamura Y see **Yonenaga K**
Nakanishi I see **Minamoto T**
Nakanishi K, Matsui K, Hirose S, Yoshimoto T, Hiroishi K, Kono T, Hada T, Hamaoka T, Higashino K. Lymphokine-regulated differential expression of mRNA for p75kDa-IL-2R and p55kDa-IL-2R in a cloned B lymphoma line (BLC1-CL-3 cells). J Immunol 1990 Sep 1;145(5):1423–9
Nakanishi N see **Yoshioka T**
Nakano M see **Fujiwara T**
Nakano S see **Mori O**
Nakanuma Y see **Terada T**
Nakao K see **Fujiwara T**
Nakao K see **Itoh H**
Nakao K see **Kanai K**
Nakao K see **Mukoyama M**
Nakashima K see **Amano T**
Nakayama DK, Pasieka KB, Gardner MJ. How bicycle-related injuries change bicycling practices in children. Am J Dis Child 1990 Aug;144(8):928–9
Nakayama DK. Survival in a fetus with sacrococcygeal teratoma and hydrops [letter] Am J Obstet Gynecol 1990 Aug;163(2):682
Nakayama H see **Mihara M**
Nakayama H see **Nishizaki T**
Nakayama T see **Makino S**
Nakazawa K see **Kurokawa S**
Nakdimen KA. Differential diagnosis of multiple personality disorder [letter] Am J Psychiatry 1990 Sep;147(9):1259–60
Nakhjavan FK see **Woldow AB**
Nakhla AM, Khan MS, Rosner W. Biologically active steroids activate receptor-bound human sex hormone-binding globulin to cause LNCaP cells to accumulate adenosine 3',5'-monophosphate. J Clin Endocrinol Metab 1990 Aug; 71(2):398–404
Nakoinz I, Lee MT, Weaver JF, Ralph P. Differentiation of the IL-3-dependent NFS-60 cell line and adaption to growth in macrophage colony-stimulating factor. J Immunol 1990 Aug 1;145(3):860–4
Nalbandian RM see **Johnson TE**
Naldi L, Locati F, Marchesi L, Cainelli T. Incidence of toxic epidermal necrolysis in Italy [letter] Arch Dermatol 1990 Aug;126(8):1103–4
Nallainathan S see **Goldstein JM**
Nanavati C see **Lewis DL**
Nance EP Jr, Powers TA. Imaging of the temporomandibular joint. Radiol Clin North Am 1990 Sep;28(5):1019–31 (28 ref.)
Nance LD 3d see **Fincher RM**
Nanda RS see **Sorokolit CA**
Nandi J see **Levine RA**
Nanes MS, Rubin J, Titus L, Hendy GN, Catherwood BD.

Interferon-gamma inhibits 1,25-dihydroxyvitamin D3-stimulated synthesis of bone GLA protein in rat osteosarcoma cells by a pretranslational mechanism. Endocrinology 1990 Aug;127(2):588-94
Nani E see **Pignata C**
Nanjo K see **Matsumoto E**
Nannmark U see **Olmarker K**
Napolitano N see **Sands CJ**
al-Naqeeb N see **al Muhanna A**
Nara N see **Tanikawa S**
Narcy P, Contencin P, Fligny I, François M. Surgical treatment for laryngotracheal stenosis in the pediatric patient. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1047-50
Narcy P see **Polonovski JM**
Nardell EA. Dodging droplet nuclei. Reducing the probability of nosocomial tuberculosis transmission in the AIDS era [editorial] Am Rev Respir Dis 1990 Sep; 142(3):501-3
Nardi RV see **Sidawy AN**
Naritomi G see **Shono T**
Narr BJ see **Corona ML**
Nash ID see **Levine MJ**
Nasr AM see **Johnson TE**
Nasser S see **Davlin LB**
Natalini G see **Catassi C**
Natanson C see **Parrillo JE**
Natarajan D, Santhiya ST. Cytogenetic damage in operation theatre personnel. Anaesthesia 1990 Jul;45(7):574-7
Nath A see **DiSciascio G**
Nath A, DiSciascio G, Kelly KM, Vetrovec GW, Testerman C, Goudreau E, Cowley MJ. Multivessel coronary angioplasty early after acute myocardial infarction [see comments] J Am Coll Cardiol 1990 Sep;16(3):545-50. Comment in: J Am Coll Cardiol 1990 Sep;16(3):551-2.
Nathan CF see **Ding A**
Nathan DG see **Fosburg MT**
Nathan H see **Ross SE**
Nathanielsz PW see **Figueron JP**
Nation JG see **Duggan MA**
Nativ O, Myers RP, Farrow GM, Therneau TM, Zincke H, Lieber MM. Nuclear deoxyribonucleic acid ploidy and serum prostate specific antigen in operable prostatic adenocarcinoma. J Urol 1990 Aug;144(2 Pt 1):303-6
Nattel S, Ranger S, Talajic M, Lemery R, Roy D. Erythromycin-induced long QT syndrome: concordance with quinidine and underlying cellular electrophysiologic mechanism. Am J Med 1990 Aug;89(2):235-8
Nauciel C. Role of CD4+ T cells and T-independent mechanisms in acquired resistance to Salmonella typhimurium infection. J Immunol 1990 Aug 15; 145(4):1265-9
Nauta JJ see **Slotman BJ**
Nauta RJ, Tsimoyiannis E, Uribe M, Walsh DB, Miller D, Butterfield A. Oxygen-derived free radicals in hepatic ischemia and reperfusion injury in the rat. Surg Gynecol Obstet 1990 Aug;171(2):120-5
Navailles B see **Khalfallah Y**
Naviliat M see **Miossec P**
Nawabi MD see **Crowell PL**
Nawarawong W see **Johnson JA**
Nawata H see **Kato S**
Nayar RC see **Raju KG**
Naylor AR, Ah-See AK, Engeset J. Axillofemoral bypass as a limb salvage procedure in high risk patients with aortoiliac disease. Br J Surg 1990 Jun;77(6):659-61
Naylor CD, Jaglal SB. Impact of intravenous thrombolysis on short-term coronary revascularization rates. A meta-analysis [see comments] JAMA 1990 Aug 8; 264(6):697-702. Comment in: JAMA 1990 Aug 8;264(6):738-9.
Naz RK, Chaudhry A, Witkin SS. Lymphocyte proliferative response to fertilization antigen in patients with antisperm antibodies. Am J Obstet Gynecol 1990 Aug;163(2):610-3
Nazek M see **Mandybur TI**
Nazzaro JM, Neuwelt EA. The role of surgery in the management of supratentorial intermediate and high-grade astrocytomas in adults. J Neurosurg 1990 Sep;73(3):331-44 (184 ref.)
NcNatt JM see **Yao SK**
Ndarathi C see **Chadee K**
Nduati J see **Taylor KA**
Neal J see **Harris WS**
Neal LM see **Bickerstaff DR**
Neas B see **Fujisaku A**
Need AG see **Nordin BE**
Needham BM see **Klose KJ**
Neely JR see **Tani M**
Neering H see **Weijmer MC**
Neill MA see **Tarr PI**
Neilson K see **Guan ZC**
Neinstein LS. Menstrual problems in adolescents. Med Clin North Am 1990 Sep;74(5):1181-203 (63 ref.)
Nel AE, Pollack S, Landreth G, Ledbetter JA, Hultin L, Williams K, Katz R, Akerley B. CD-3-mediated activation of MAP-2 kinase can be modified by ligation of the CD4 receptor. Evidence for tyrosine phosphorylation during activation of this kinase. J Immunol 1990 Aug 1; 145(3):971-9
Neldner KH see **Martin RW 3d**
Nelson CW. Dr. William J. Mayo's 1895 commencement address. Mayo Clin Proc 1990 Aug;65(8):1052
Nelson CW. Dr. William J. Mayo and the University of Michigan. Mayo Clin Proc 1990 Jul;65(7):932
Nelson DA see **Boyd AE 3d**
Nelson GH. Amniotic fluid midtrimester delta optical density measurements at 450 nm in Rh disease [letter] Am J Obstet Gynecol 1990 Aug;163(2):710-2
Nelson JA see **Ashraf HR**
Nelson JC. A piece of my mind. A snorkel, a 5-iron, and a pen. JAMA 1990 Aug 8;264(6):742
Nelson LH, Melone PJ, King M. Diagnosis of vasa previa with transvaginal and color flow Doppler ultrasound. Obstet Gynecol 1990 Sep;76(3 Pt 2):506-9
Nelson MC, Petrik JH, Lack EE, Glass-Royal M, Bogumill GP, Stull MA. Lymphocyte-predominant Hodgkin disease manifested as a subcutaneous arm mass [letter] AJR Am J Roentgenol 1990 Sep;155(3):658-9
Nelson MS. An integrated anatomy and cardiopulmonary resuscitation course. Acad Med 1990 Jun;65(6):421
Nelson R see **Murphy MS**
Nelson RC see **Sugarbaker PH**
Nelz K see **Scalcini M**
Nemchausky B see **Sontag SJ**
Németh G see **Kronberg M**
Nemoto R, Sato S, Nishijima Y, Miyakawa I, Koiso K, Harada M. Effects of a new bisphosphonate (AHBuBP) on osteolysis induced by human prostate cancer cells in nude mice. J Urol 1990 Sep;144(3):770-4
Neogy PK see **Clemens JD**
Neoptolemos JP, London NJ. Serum enzymes and other laboratory tests in acute pancreatitis [letter] Br J Surg 1990 Jun;77(6):715-6
Nerenberg A see **Tibaldi JM**
Nesbit ME see **Cangir A**
Nesbitt T, Drezner MK. Abnormal parathyroid hormone-related peptide stimulation of renal 25-hydroxyvitamin D-1-hydroxylase in Hyp mice: evidence for a generalized defect of enzyme activity in the proximal convoluted tubule. Endocrinology 1990 Aug; 127(2):843-8
Neser CP see **Louw JA**
Ness PM see **Kickler TS**
Nestel PJ. New lipoprotein profiles and coronary heart disease. Improving precision of risk [comment] Circulation 1990 Aug;82(2):649-51. Comment on: Circulation 1990 Aug;82(2):495-506.
Neto PP. Bronchial cuff pressure of endobronchial double-lumen tubes [letter] Anesth Analg 1990 Aug; 71(2):209
Netter P see **Mamelle N**
Netto GJ see **Urschel HC Jr**
Netto Júnior NR, Ferreira U, Lemos GC, Claro JF. Endourological management of ureteral strictures. J Urol 1990 Sep;144(3):631-4
Neubauer BL see **Steidle CP**
Neubauer M see **Mangge H**
Neuberger JM see **Mitchison HC**
Neufeld DS, Davies TF. Strain-specific determination of the degree of thyroid cell MHC class II antigen expression: evaluation of established Wistar and Fisher rat thyroid cell lines. Endocrinology 1990 Sep;127(3):1254-9
Neugut AI, Robinson E, Nieves J, Murray T, Tsai WY. Poor survival of treatment-related acute nonlymphocytic leukemia. JAMA 1990 Aug 22-29;264(8):1006-8
Neuhaus P, Bechstein WO, Blumhardt G, Steffen R. Management of portal venous thrombosis in hepatic transplant recipients. Surg Gynecol Obstet 1990 Sep; 171(3):251-2
Neuman J see **Khalil SN**
Neumann A see **Marcus RH**
Neumann HP see **Takiyyuddin MA**
Neumann K see **Weide R**
Neumann M see **Putensen C**
Neumyer MM see **Healy DA**
Neutze JM see **Jaffe WM**
Neuwelt EA see **Nazzaro JM**
Neuwirth H see **deKernion JB**
Neuwirth H, Blyth B, Richie AW, Taube DM, deKernion JB. Re: Deoxyribonucleic acid content and medroxyprogesterone acetate treatment in metastatic renal cell carcinoma [letter] J Urol 1990 Sep;144(3):749-50
Nevado M see **Lopez II**
Neven P. Endometrial hyperplasia in an oophorectomized woman receiving tamoxifen therapy [letter] Br J Obstet Gynaecol 1990 Jun;97(6):551-2
Neves RB see **Darlington DN**
Neveu S see **Gris JC**
Neville A see **Figueredo A**
Neville E see **Solanki T**
Nevin NC see **Dolk H**
Nevins TE see **Katz A**
Newberger EH. Pediatric interview assessment of child abuse. Challenges and opportunities. Pediatr Clin North Am 1990 Aug;37(4):943-54 (19 ref.)
Newby MJ, Keim NL, Brown DL. Body composition of adult cystic fibrosis patients and control subjects as determined by densitometry, bioelectrical impedance, total-body electrical conductivity, skinfold measurements, and deuterium oxide dilution. Am J Clin Nutr 1990 Aug; 52(2):209-13
Newell JB see **Abascal VM**
Newkirk GR, Granath BD. Teaching colposcopy and androscopy in family practice residencies. J Fam Pract 1990 Aug;31(2):171-8
Newman LJ see **Glassman MS**
Newman LJ see **Schwarz SM**
Newman MA see **Smith AB**
Newman RB see **Jones JS**
Newman TB, Browner WS, Hulley SB. Children should not be routinely screened for high blood cholesterol [letter] Am J Dis Child 1990 Aug;144(8):851-2
Newman W see **Graber N**
Newnham RS see **Gilks CF**
Newsholme EA see **Goodwin GM**
Newsholme EA see **Parry-Billings M**
Newth CJ see **Sivan Y**
Ney AL, Kelly PH, Tsukayama DT, Bubrick MP. Fibrin glue-antibiotic suspension in the prevention of prosthetic graft infection. J Trauma 1990 Aug;30(8):1000-5; discussion 1005-6
Neylan MJ see **Wirth FH Jr**
Neymarc K see **Andersen RM**
Ng RL see **Gray DW**
Ng SC see **Clements PJ**
Ng Wingtin L, Glomaud D, Hardy F, Phil S. Omeprazole for prophylaxis of acid aspiration in elective surgery. Anaesthesia 1990 Jun;45(6):436-8
Ngoi SS, Staiano-Coico L, Godwin TA, Wong RJ, DeCosse JJ. Abnormal DNA ploidy and proliferative patterns in superficial colonic epithelium adjacent to colorectal cancer. Cancer 1990 Sep 1;66(5):953-9
Ngumbi PM see **Lawyer PG**
Nichol FE see **David LA**
Nichol GM, Alton EW, Nix A, Geddes DM, Chung KF, Barnes PJ. Effect of inhaled furosemide on metabisulfite- and methacholine-induced bronchoconstriction and nasal potential difference in asthmatic subjects. Am Rev Respir Dis 1990 Sep;142(3):576-80
Nichol KL, Korn JE, Margolis KL, Poland GA, Petzel RA, Lofgren RP. Achieving the national health objective for influenza immunization: success of an institution-wide vaccination program. Am J Med 1990 Aug;89(2):156-60
Nichol KL see **Margolis KL**
Nicholls MG see **Li EK**
Nichols DG see **Yaster M**
Nichols GE, Cooper PH, Underwood PB Jr, Greer KE. White sponge nevus. Obstet Gynecol 1990 Sep;76(3 Pt 2):545-8
Nichols H see **Pryzwansky KB**
Nichols P see **Malkowicz SB**
Nicholson BW see **Eagle KA**
Nicholson M see **Cataldo NA**
Nicholson ML, Williams PM, Bell A, Donnelly PK, Veitch PS, Bell PR. Prospective study of the value of ultrasound measurements in the diagnosis of acute rejection following renal transplantation. Br J Surg 1990 Jun;77(6):656-8
Nicolai JJ see **Tytgat GN**
Nicolaides K see **Aristidou A**
Nicolaides KH see **Economides DL**
Nicolaides KH see **Ribbert LS**
Nicolas JA see **Tape TG**
Nicoletti F, Meroni PL, Landolfo S, Gariglio M, Guzzardi S, Barcellini W, Lunetta M, Mughini L, Zanussi C. Prevention of diabetes in BB/Wor rats treated with monoclonal antibodies to interferon-gamma [letter] Lancet 1990 Aug 4;336(8710):319
Nicolini U see **Arulkumaran S**
Nicolini U see **Fisk NM**
Nicoll CS, Russell SM. Analysis of animal rights literature reveals the underlying motives of the movement: ammunition for counter offensive by scientists. Endocrinology 1990 Sep;127(3):985-9
Nicolosi M see **Ghigo E**
Nieberg RK see **Ferreiro JA**
Nielsen DH, Harris JM, Minton YM, Motley NS, Rowley JL, Wadsworth CT. Energy cost, exercise intensity, and gait efficiency of standard versus rocker-bottom axillary crutch walking. Phys Ther 1990 Aug;70(8):487-93
Nielsen KK, Kromann-Andersen B, Steven K, Hald T. Failure of combined supratrigonal cystectomy and Mainz ileocecocystoplasty in intractable interstitial cystitis: is histology and mast cell count a reliable predictor for the outcome of surgery? J Urol 1990 Aug;144(2 Pt 1):255-8; discussion 258-9
Nielsen SL see **Brynskov J**
Nienhuis AW see **Brandt SJ**
Nieschlag E see **Bartlett JM**
Nieto MA, González A, López-Rivas A, Diaz-Espada F, Gambón F. IL-2 protects against anti-CD3-induced cell death in human medullary thymocytes. J Immunol 1990 Sep 1;145(5):1364-8
Nieuwenhuis HK see **Dekker AW**
Nieves J see **Neugut AI**
Nightingale P see **Clarke C**
Nightingale SL. From the Food and Drug Administration. JAMA 1990 Sep 12;264(10):1239
Nightingale SL. From the Food and Drug Administration. JAMA 1990 Aug 8;264(6):677
Nihira S see **Tamura S**
Nihoyannopoulos P, Gomez PM, Joshi J, Loizou S, Walport MJ, Oakley CM. Cardiac abnormalities in systemic lupus erythematosus. Association with raised anticardiolipin antibodies [see comments] Circulation 1990 Aug; 82(2):369-75. Comment in: Circulation 1990 Aug;82(2):636-8.
Nihoyannopoulos P see **Lemery R**

Nihoyannopoulos P see **Ludman P**
Niida H see **Takeuchi K**
Niikawa N see **Tonoki H**
Niimi S, Hayakawa T, Tanaka A. Hormonal regulation of growth hormone receptors in primary cultured rat hepatocytes. Endocrinology 1990 Aug;127(2):688–94
Niimoto M see **Toi M**
Nijs HG, den Toom R, Terpstra OT. Gallstone extracorporeal shock-wave lithotripsy: time and treatment considerations [letter] AJR Am J Roentgenol 1990 Sep;155(3):655–6
Nikdel S see **Fellers PJ**
Nikkari T see **Jaakkola O**
Niklasson B see **Eitrem R**
Nikolic J see **Mavra M**
Nill TG, Peller PA, Kropp KA. Management of urinary incontinence by bladder tube urethral lengthening and submucosal reimplantation. J Urol 1990 Aug;144(2 Pt 2):559–61; discussion 562–3
Nilsson BY see **Tomson T**
Nilsson OS, Persson PE, Ekelund A. Heterotopic new bone formation causes resorption of the inductive bone matrix. Clin Orthop 1990 Aug;(257):280–5
Nilsson S see **Gronowitz JS**
Nilsson S see **Waldenström U**
Nimmo GR, McInnes G, Turner AR, Evan-Wong A. Severe mesenteric ischemia due to primary thrombocythemia treated with prostacyclin. Crit Care Med 1990 Aug; 18(8):889–90
Nimorwicz P see **Dew MA**
Nino-Murcia G see **Bliwise DL**
Nino-Murcia M, Vincent ME, Vaughan C, Fee WE Jr, Goode RL, Robbins AH, Zboralske FF. Esophagography and esophagoscopy. Comparison in the examination of patients with head and neck carcinoma.
Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):917–9
Nir D, Nir T, Danino J, Joachims HZ. Malignant external otitis in an infant. J Laryngol Otol 1990 Jun;104(6):488–90
Nir T see **Nir D**
Nishihira T see **Takano R**
Nishijima E see **Yamaguchi M**
Nishijima Y see **Nemoto R**
Nishikawa M see **Toyoda N**
Nishikawa T, Dohi S. Hemodynamic status susceptible to slowing of heart rate during thermodilution cardiac output determination in anesthetized patients. Crit Care Med 1990 Aug;18(8):841–4
Nishimura GS see **Vinters HV**
Nishimura J see **Kato S**
Nishimura M see **Akiyama Y**
Nishimura Y see **Eto M**
Nishino E, Matsuzaki N, Masuhiro K, Kameda T, Taniguchi T, Takagi T, Saji F, Tanizawa O. Trophoblast-derived interleukin-6 (IL-6) regulates human chorionic gonadotropin release through IL-6 receptor on human trophoblasts. J Clin Endocrinol Metab 1990 Aug; 71(2):436–41
Nishio Y, Kashiwagi A, Ogawa T, Asahina T, Ikebuchi M, Kodama M, Shigeta Y. Increase in [3H]PN 200-110 binding to cardiac muscle membrane in streptozocin-induced diabetic rats. Diabetes 1990 Sep;39(9):1064–9
Nishioka S see **Fujimura M**
Nishiuchi T see **Kawai H**
Nishiyama S, Tomoeda S, Inoue F, Ohta T, Matsuda I. Self-limited neonatal familial hyperparathyroidism associated with hypercalciuria and renal tubular acidosis in three siblings. Pediatrics 1990 Sep;86(3):421–7
Nishizaki T, Orita T, Kajiwara K, Ikeda N, Ohshita N, Nakayama H, Furutani Y, Ikeyama Y, Akimura T, Kamiryo T, et al. Correlation of in vitro bromodeoxyuridine labeling index and DNA aneuploidy with survival or recurrence in brain-tumor patients. J Neurosurg 1990 Sep; 73(3):396–400
Nisselbaum J see **Pinto JT**
Nistal M see **Gavilán J**
Nitecki S, Karmeli R, Sarr MG. Appendiceal calculi and fecaliths as indications for appendectomy.
Surg Gynecol Obstet 1990 Sep;171(3):185–8
Nitenberg A see **Dussaule JC**
Nitzan DW, Dolwick MF, Heft MW. Arthroscopic lavage and lysis of the temporomandibular joint: a change in perspective. J Oral Maxillofac Surg 1990 Aug; 48(8):798–801; discussion 802
Niu WD see **Liu BX**
Niven MJ see **Caffrey C**
Niwa Y, Ishimoto K, Kanoh T. Induction of superoxide dismutase in leukocytes by paraquat: correlation with age and possible predictor of longevity. Blood 1990 Aug 15; 76(4):835–41
Niwa Y see **Shiina S**
Nix A see **Nichol GM**
Nixon J, Birchall IW, Virjee J. The role of dacryocystography in the management of patients with epiphora. Br J Radiol 1990 May;63(749):337–9
Nixon JV see **Porter T**
Njage PN see **Sinei SK**
Njo KH see **Karim AB**
Noble HA see **Thomas TA**
Noble-Jamieson G see **Coulden RA**
Nobunaga T, Azuma C, Kimura T, Tokugawa Y, Takemura M, Kamiura S, Saji F, Tanizawa O. Differential diagnosis between complete mole and hydropic abortus by deoxyribonucleic acid fingerprints.
Am J Obstet Gynecol 1990 Aug;163(2):634–8
Nobunaga T see **Satoh J**
Noda H see **Fujita T**
Noda S see **Koike H**
Noecker RJ see **Schuman JS**
Nogueira AM see **Queiroz DM**
Noji EK. Prophylaxis of acute renal failure in traumatic rhabdomyolysis [letter] N Engl J Med 1990 Aug 23; 323(8):550–1
Nolan GH see **Hicks ML**
Nolte PA see **Marti RK**
Nomoto K see **Eto M**
Nomoto T see **Tarao K**
Nomura M, Okada N, Okada M, Yoshikawa K. Large subcutaneous calcification in systemic lupus erythematosus. Arch Dermatol 1990 Aug;126(8):1057–9
Nomura Y see **Matsuki K**
Nonaka K see **Yamada K**
Norby RB. The nursing shortage: dynamics and solutions. Positioning for success. Nurs Clin North Am 1990 Sep; 25(3):525–35
Nørby S, Schwartz M. Possible locus for polycystic kidney disease on chromosome 2 [letter] Lancet 1990 Aug 4; 336(8710):323–4
Norcini JJ see **Shea JA**
Nordenskjöld B see **Wingren G**
Nordgren S see **Oresland T**
Nordin BE, Morris HA, Need AG, Horowitz M, Robertson WG. Relationship between plasma calcium fractions, other bone-related variables, and serum follicle-stimulating hormone levels in premenopausal, perimenopausal, and postmenopausal women. Am J Obstet Gynecol 1990 Jul; 163(1 Pt 1):140–5
Noreuil T see **Morris JA Jr**
Nori D see **Wallner KE**
Norman D see **Truwit CL**
Norman DJ see **Leone MR**
Norman EC. Role of anger in posttraumatic stress [letter] Am J Psychiatry 1990 Sep;147(9):1253
Norman G see **Zemel MB**
Norman SA see **Mandelbrot DA**
Normandeau R see **Figueredo A**
Nørreslet J, Wahlgreen C. Propofol infusion for sedation of children. Crit Care Med 1990 Aug;18(8):890–2
Norris RM see **Rivers JT**
North CS, Clouse RE, Spitznagel EL, Alpers DH. The relation of ulcerative colitis to psychiatric factors: a review of findings and methods. Am J Psychiatry 1990 Aug; 147(8):974–81 (71 ref.)
Northeast A see **Heyderman E**
Northfield TC see **Savalgi RS**
Norton C see **Dowling R**
Norton JA see **Friedman E**
Norton JA see **Salomon GD**
Nose M, Heyman B. Inhibition of processing of asparagine-linked carbohydrate chains on IgG2a by using swainsonine has no influence upon antibody effector functions in vitro. J Immunol 1990 Aug 1;145(3):910–4
Nose M see **Takano R**
Nose M see **Tanikawa S**
Nossent HC, Swaak TJ, Berden JH. Systemic lupus erythematosus: analysis of disease activity in 55 patients with end-stage renal failure treated with hemodialysis or continuous ambulatory peritoneal dialysis. Dutch Working Party on SLE. Am J Med 1990 Aug;89(2):169–74
Nöthen M, Körner J, Lanczik M, Fritze J, Propping P. Tyrosine hydroxylase polymorphisms and manic-depressive illness [letter] Lancet 1990 Sep 1; 336(8714):575
Nott MR. Bain, Lack, Mera F and circle systems [letter] Anaesthesia 1990 Jun;45(6):501
Notter MF see **Kordower JH**
Notterman DA, Greenwald BM, Moran F, DiMaio-Hunter A, Metakis L, Reidenberg MM. Dopamine clearance in critically ill infants and children: effect of age and organ system dysfunction. Clin Pharmacol Ther 1990 Aug; 48(2):138–47
Nôu E see **Gronowitz JS**
Noventa F see **Bortolotti F**
Novey ES see **Hynd GW**
Novick A see **Eisenbud DE**
Novick AC see **Angermeier KW**
Novick AC see **Martinez A**
Novick AC see **Slavis SA**
Novick DM see **Kreek MJ**
Novick RJ see **Reid KR**
Nowak TV, Harrington B, Kalbfleisch J. Adaptation of cholinergic enteric neuromuscular transmission in diabetic rat small intestine. Diabetes 1990 Aug;39(8):891–7
Nowell P. Lasers in ophthalmology. Nurs Clin North Am 1990 Sep;25(3):635–43 (12 ref.)
Nowlan D. Irish condom ruling [news] BMJ 1990 Jun 2; 300(6737):1420–1
Noyek A see **Feinmesser R**
Noyes R Jr see **Kathol RG**
Nsieh RP see **Ho HN**
Nubiola A see **Rodriguez E**
Nuijens JH see **Huizinga TW**
Nuki G see **Palit J**
Null DM Jr see **deLemos RA**
Numaguchi Y see **Gellad FE**
Numerof B see **Wirth FH Jr**
Nunan TO see **Wilson NM**
Nunez DA, Browning GG. Risks of developing an otogenic intracranial abscess. J Laryngol Otol 1990 Jun; 104(6):468–72
Nunez G see **Pazzaglia G**
Nurjhan N see **Jenssen T**
Nuruddin RN see **Carrington BM**
Nussbaum J see **Chiu J**
Nussenblatt RB see **de Smet MD**
Nutman TB see **Colina KF**
Nutman TB see **Lee SJ**
Nuttall FQ see **Westphal SA**
Nuttall PA see **Davies CR**
Nuyts RM, Edelhauser HF, Pels E, Breebaart AC. Toxic effects of detergents on the corneal endothelium.
Arch Ophthalmol 1990 Aug;108(8):1158–62
Nuyts RM see **Breebaart AC**
Nyberg DA, Resta RG, Luthy DA, Hickok DE, Mahony BS, Hirsch JH. Prenatal sonographic findings of Down syndrome: review of 94 cases. Obstet Gynecol 1990 Sep; 76(3 Pt 1):370–7
Nyerges A see **Khoury GF**
Nymark JR see **Mandel AR**
Nyunt-Nyunt-Wai see **Khin-Maung-U**

O

Oakes DD, Wilmot CB, Hall KM, Sherck JP. Benefits of early admission to a comprehensive trauma center for patients with spinal cord injury.
Arch Phys Med Rehabil 1990 Aug;71(9):637–43
Oakley CM see **Nihoyannopoulos P**
Oaster TR see **Biddle C**
Oates N see **Midgley PC**
Obata M see **Winter WE**
Oberg J see **Applebaum R**
Oberg K see **Eriksson B**
Oberladstätter M see **Putensen C**
Oberly TD see **Kelcz F**
Oberman HA see **Adler DD**
O'Brien CP see **Woody G**
O'Brien JM, Marcus DM, Bernards R, Carpenter JL, Windle JJ, Mellon P, Albert DM. A transgenic mouse model for trilateral retinoblastoma. Arch Ophthalmol 1990 Aug; 108(8):1145–51
O'Brien PM see **Hussain SY**
O'Brien PM see **Okonofua FE**
O'Brien TM see **Wong-Chung J**
O'Brien WF see **Carlan SJ**
O'Byrne PM see **Manning PJ**
O'Callaghan C see **Barlow J**
Ocerin JM see **Eguaras MG**
Ochi H see **Suginami H**
Ochs HD see **Francke U**
Ochsner MG, Maniscalco-Theberge ME, Champion HR. Fibrin glue as a hemostatic agent in hepatic and splenic trauma. J Trauma 1990 Jul;30(7):884–7
Ockenhouse CF see **Chulay JD**
O'Connell ME, Fisher C, Harmer CL. Malignant struma ovarii: presentation and management. Br J Radiol 1990 May;63(749):360–3
O'Connell MJ see **Martin JK Jr**
O'Connell MJ see **Windschitl HE**
O'Connell S see **Sontag SJ**
O'Connor CM, Califf RM, Massey EW, Mark DB, Kereiakes DJ, Candela RJ, Abbottsmith C, George B, Stack RS, Aronson L, et al. Stroke and acute myocardial infarction in the thrombolytic era: clinical correlates and long-term prognosis [see comments] J Am Coll Cardiol 1990 Sep; 16(3):533–40. Comment in: J Am Coll Cardiol 1990 Sep;16(3):541–4.
O'Connor CM see **Ward K**
O'Connor DT see **Takiyyuddin MA**
O'Connor M see **Kelly A**
O'Connor MK see **Clements IP**
O'Connor P see **Foley-Nolan D**
Ocran KW see **Sarapura VD**
Ocrant I, Fay CT, Parmelee JT. Characterization of insulin-like growth factor binding proteins produced in the rat central nervous system. Endocrinology 1990 Sep; 127(3):1260–7
O'Daly JA, Polanco N. Variability of Trypanosoma cruzi epimastigote surface antigens with changes in the temperature of the cultures. Am J Trop Med Hyg 1990 Jul;43(1):44–51
O'Dea C see **Vohr BR**
Odel JG see **Forman S**
O'Dell ML. Factors influencing residents' decisions not to provide obstetrical services in their future practices.
Acad Med 1990 Jun;65(6):420
Odera JS see **Sexton JD**
Odievre M see **Labrune P**
Odlum C see **Ward K**
Odom LD, Plouffe L Jr, Butler WJ. 5-fluorouracil exposure during the period of conception: report on two cases.
Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):76–7
Odom LF see **Abshire TC**
Odom NJ. Organ donation. I—Management of the multiorgan donor. BMJ 1990 Jun 16;300(6739):1571–3
Odom NJ. Organ donation. II-Logistical disincentives to organ donation. BMJ 1990 Jun 16;300(6739):1573–5
Odongo SO see **Lawyer PG**

O'Donnell B. Management of urinary tract infection and vesicoureteric reflux in children. 2. The case for surgery. BMJ 1990 May 26;300(6736):1393–4 (12 ref.)
O'Donnell BF see **Drachman DA**
O'Donnell C see **Barsky AJ**
O'Donnell PJ see **Heyderman E**
O'Donnell TV see **Shaw RA**
Odum L see **Schalling M**
Odunsi AO see **Okonofua FE**
O'Dwyer ST see **Michie HR**
Oehler DT see **Unterman TG**
Oesterling JE, Brendler CB, Burgers JK, Marshall FF, Epstein JI. Advanced small cell carcinoma of the bladder. Successful treatment with combined radical cystoprostatectomy and adjuvant methotrexate, vinblastine, doxorubicin, and cisplatin chemotherapy. Cancer 1990 May 1;65(9):1928–36
Oetomo SB see **Tabor BL**
Oette D see **Pluda JM**
Oez S, Titteibach H, Fahsold R, Schaetzl R, Bührer C, Atzpodien J, Kalden JR. Establishment and characterization of a granulocyte-macrophage colony-stimulating factor-dependent human myeloid cell line. Blood 1990 Aug 1;76(3):578–82
Offeciers FE see **Marquet JF**
Offer D see **Casper RC**
Offner F, Philippé J, Vogelaers D, Colardyn F, Baele G, Baudrihaye M, Vermeulen A, Leroux-Roels G. Serum tumor necrosis factor levels in patients with infectious disease and septic shock. J Lab Clin Med 1990 Jul; 116(1):100–5
Ogasawara S see **Mizutani M**
Ogata E see **Fujita T**
Ogata I see **Mochida S**
Ogata SN, Silk KR, Goodrich S, Lohr NE, Westen D, Hill EM. Childhood sexual and physical abuse in adult patients with borderline personality disorder. Am J Psychiatry 1990 Aug;147(8):1008–13
Ogawa H see **Johshita H**
Ogawa T see **Nishio Y**
Ogawa T see **Takada H**
Ogawa Y, Yamaguchi K, Morozumi M. Effects of magnesium salts in preventing experimental oxalate urolithiasis in rats. J Urol 1990 Aug;144(2 Pt 1):385–9
Ogawa Y see **Mukoyama M**
Ogilvie AL see **Studley JG**
Ogino T see **Minamoto T**
Oglesby DK Jr. Tailor resources to community's health agenda [interview by Frank Sabatino] Hospitals 1990 Aug 20;64(16):24–7
Ognibene FP see **Parrillo JE**
O'Grady JG see **Bird GL**
O'Grady JP see **Elder JS**
Ogston S see **Tarnow-Mordi W**
Oh TE see **Ewart MC**
Oh W see **Vohr BR**
O'Halloran DJ, Jones PM, Ghatei MA, Domin J, Bloom SR. The regulation of neuropeptide expression in rat anterior pituitary following chronic manipulation of estrogen status: a comparison between substance P, neuropeptide Y, neurotensin, and vasoactive intestinal peptide. Endocrinology 1990 Sep;127(3):1463–9
O'Hara CJ see **Wiltz O**
Ohashi H see **Yamaguchi M**
Ohkuchi T see **Igawa M**
Ohman EM, Casey C, Bengtson JR, Pryor D, Tormey W, Horgan JH. Early detection of acute myocardial infarction: additional diagnostic information from serum concentrations of myoglobin in patients without ST elevation. Br Heart J 1990 Jun;63(6):335–8
Ohmi M, Ohuchi M. Recurrent thymoma in patients with myasthenia gravis. Ann Thorac Surg 1990 Aug;50(2):243–7
Ohmori M see **Kumagai K**
Ohrström J see **Jensen K**
Ohshima K see **Landrito J**
Ohshio G, Shimada Y, Manabe T, Tobe T. Immunohistochemical study of epidermal growth factor and epidermal growth factor receptor in gastric carcinomas [letter] Cancer 1990 May 1;65(9):2102
Ohshita N see **Nishizaki T**
Ohta H, Guan D, Tawil T, Liddle RA, Green GM. Regulation of plasma cholecystokinin levels by bile and bile acids in the rat. Gastroenterology 1990 Sep;99(3):819–25
Ohta M see **Hara N**
Ohta T see **Nishiyama S**
Ohta Y see **Mochida S**
Ohta Y see **Tamura S**
Ohtaguro K see **Tsugaya M**
Ohtani H, Tamaki N, Yonekura Y, Mohiuddin IH, Hirata K, Ban T, Konishi J. Value of thallium-201 reinjection after delayed SPECT imaging for predicting reversible ischemia after coronary artery bypass grafting. Am J Cardiol 1990 Aug 15;66(4):394–9
Ohteki T see **Satoh J**
Ohteki T see **Seki S**
Ohto M see **Tada M**
Ohuchi M see **Ohmi M**
Ojeda C see **Coma del Corral MJ**
Ojemann GA see **Laohaprasit V**
Oka N see **Yasuoka T**
Oka S see **Makino S**
Okabe S see **Takeuchi K**
Okada J see **Snow BJ**
Okada K see **Igawa M**
Okada K see **Ishikawa SE**
Okada M see **Nomura M**
Okada M see **Takeuchi K**
Okada N see **Nomura M**
Okada T see **Tarao K**
Okadome K see **Shono T**
Okamoto F see **Yamaguchi M**
Okamoto H see **Kanai K**
Okamoto R see **Kumada K**
Okamura Y see **Takeuchi Y**
O'Kane MP see **Lockton JA**
Okawa M see **Ishizuka S**
O'Keeffe F, Lorigan JG, Wallace S. Radiological features of extraskeletal Ewing sarcoma. Br J Radiol 1990 Jun; 63(750):456–60
O'Keil RT see **Thorp JA**
O'Kelley KR see **Stovall TG**
O'Kelly B see **Szlachcic J**
Okelo GB see **Gilks CF**
Okerberg CV see **Chu CS**
Okies JE see **Salomon NW**
Okita M see **Inui A**
Okonofua F see **Hussain SY**
Okonofua FE, Onwudiegwu U, Odunsi AO, Hussain S, O'Brien PM. Does standing up improve the predictive value of the supine pressor test for gestational hypertension? Obstet Gynecol 1990 Sep;76(3 Pt 1):332–5
Oksenhendler G see **Galerneau V**
Okubo S see **Yoshioka T**
Okuda S, Languino LR, Ruoslahti E, Border WA. Elevated expression of transforming growth factor-beta and proteoglycan production in experimental glomerulonephritis. Possible role in expansion of the mesangial extracellular matrix. J Clin Invest 1990 Aug; 86(2):453–62
Okuda T see **Yasuoka T**
Okudera T see **Nakamura Y**
Okumura K see **Kobata T**
Okumura K see **Smyth MJ**
Okumura Y see **Yasuoka T**
Okuri H see **Kurokawa S**
Oláh KS, Gee H. Large intrauterine haematoma in threatened miscarriage. Frequency and clinical consequences [letter] Br J Obstet Gynaecol 1990 Jun;97(6):552–3
Olczak SA. Relation between serum cholesterol and diabetic nephropathy [letter] Lancet 1990 Jul 28;336(8709):254
Oldenburg JB, Gritz DC, McDonnell PJ. Topical ultraviolet light-absorbing chromophore protects against experimental photokeratitis. Arch Ophthalmol 1990 Aug;108(8):1142–4
Oldfather JW see **Purcell KG**
Oldham JM see **Hyler SE**
Oldham SB, Sipe F. An experiential training program and medical students' attitudes toward patients with chemical dependency. Acad Med 1990 Jun;65(6):421–2
O'Leary CJ see **Rowley BD**
Olefsky JM. The insulin receptor. A multifunctional protein. Diabetes 1990 Sep;39(9):1009–16 (67 ref.)
Olefsky JM see **Edelman SV**
Olefsky JM see **Laakso M**
Oleniuk FH see **Pinilla JC**
Olfson M. Partial hospitalization and psychotic patients [letter] Am J Psychiatry 1990 Sep;147(9):1255–6
Oliveira CA, Schuknecht HF, Glynn RJ. In search of cochlear morphologic correlates for tinnitus. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):937–9
Oliver C see **Di Sciullo A**
Olivera EH see **Black DM**
Olivieri I, Gemignani G, Camerini E, Semeria R, Pasero G. Computed tomography of the sacroiliac joints in four patients with Behçet's syndrome—confirmation of sacroiliitis. Br J Rheumatol 1990 Aug;29(4):264–7
Olivieri NF see **Bronspiegel-Weintrob N**
Olivotto IA see **Hassell PR**
Ollech-Chwoyka J see **Hiddemann W**
Ollendorff DA, Goldberg JM, Abu-Jawdeh GM, Lurain JR. Markedly elevated maternal serum alpha-fetoprotein associated with a normal fetus and choriocarcinoma of the placenta. Obstet Gynecol 1990 Sep;76(3 Pt 2):494–7
Olmarker K, Danielsen N, Nannmark U, Sennerby L, Rydevik B. Microvascular effects of chondroitinase ABC and chymopapain. An in vivo experimental study on hamsters and rabbits. Clin Orthop 1990 Aug;(257):274–9
Olsen EA see **Berg D**
Olsen KD, Kern EB. Nasal influences on snoring and obstructive sleep apnea. Mayo Clin Proc 1990 Aug; 65(8):1095–105 (68 ref.)
Olsen KD see **Mustafa MM**
Olsen NJ see **Pincus T**
Olsen WO see **Bauch CD**
Olshansky B see **Wilber DJ**
Olson DR see **Saftlas AF**
Olson LC see **Vlay SC**
Olson R, Karpink MH, Shelanski S, Atkins PC, Zweiman B. Skin reactivity to codeine and histamine during prolonged corticosteroid therapy. J Allergy Clin Immunol 1990 Aug;86(2):153–9
Olson RA see **Landercasper J**
O'Mahony D, O'Mahony S, Whelton MJ, McKiernan J. Partial lipodystrophy in coeliac disease. Gut 1990 Jun; 31(6):717–8
O'Mahony S see **O'Mahony D**
O'Malley KF see **Ross SE**
O'Malley RJ see **Rhee KJ**
Omata M see **Tada M**
O'Meara NM, Shapiro ET, Van Cauter E, Polonsky KS. Effect of glyburide on beta cell responsiveness to glucose in non-insulin-dependent diabetes mellitus. Am J Med 1990 Aug 20;89(2A):11S–16S; discussion 51S–53S (39 ref.)
Omer GE Jr. The development of orthopedic certification in the United States. Clin Orthop 1990 Aug;(257):11–7
Omran SA, Hussein NA, Mohamed AA, el-Kaliouby AH, Hussein AT. Fibrinolysis and the bleeding tendency in patients with hepatosplenic schistosomiasis. J Clin Pathol 1990 Jun;43(6):476–8
Oms L, Martínez-Ródenas F, Valverde J, Jiménez W, Sitges-Serra A. Reduced water and sodium intakes associated with high levels of natriuretic factor following common bile duct ligation in the rabbit. Br J Surg 1990 Jul;77(7):752–5
Onadim ZO, Mitchell CD, Rutland PC, Buckle BG, Jay M, Hungerford JL, Harper K, Cowell JK. Application of intragenic DNA probes in prenatal screening for retinoblastoma gene carriers in the United Kingdom. Arch Dis Child 1990 Jul;65(7 Spec No):651–6
Ondra SL, Troupp H, George ED, Schwab K. The natural history of symptomatic arteriovenous malformations of the brain: a 24-year follow-up assessment. J Neurosurg 1990 Sep;73(3):387–91
O'Neil JJ see **Sheps DS**
O'Neill DB, Zarins B, Gelberman RH, Keating TM, Louis D. Compression of the anterior interosseous nerve after use of a sling for dislocation of the acromioclavicular joint. A report of two cases. J Bone Joint Surg [Am] 1990 Aug; 72(7):1100–2
O'Neill OJ see **Brandstetter RD**
O'Neill P, Wait RB, Kahng KU. Obstructive jaundice and renal failure in the rat: the role of renal prostaglandins and the renin-angiotensin system. Surgery 1990 Aug; 108(2):356–62
O'Neill PG, Puleo PR, Bolli R, Rokey R. Return of atrial mechanical function following electrical conversion of atrial dysrhythmias. Am Heart J 1990 Aug;120(2):353–9
Ong KH see **Goh KT**
Ongseng F see **Goldfarb R**
Ono K see **Kawabata H**
Ono S see **Katoh R**
Onodera K see **Osanai T**
Onwudiegwu U see **Okonofua FE**
Oo MM see **Aikawa M**
Oohara T see **Mimura Y**
Ooi A see **Minamoto T**
Ooshima A see **Matsumoto E**
Ooshima E see **Iwashima Y**
Oosterhof GO, Smits GA, de Ruyter AE, Schalken JA, Debruyne FM. In vivo effects of high energy shock waves on urological tumors: an evaluation of treatment modalities. J Urol 1990 Sep;144(3):785–9
Oosthuizen MM see **Stein HJ**
Opekun AR, Smith JL, Graham DY. Antimony electrodes. Mucosal potential differences and buffer composition adversely affect pH measurements in the stomach. Dig Dis Sci 1990 Aug;35(8):950–5
Opheim K see **Bauer LA**
Opheim KE see **See WA**
Opitz JL see **Murphy KP**
Opolon P see **Bouvet JP**
Oppelt A see **Schneider S**
Oppenheimer-Marks N see **Davis LS**
Opremcak EM see **Walker J**
Orandi A. Transurethral resection versus transurethral incision of the prostate. Urol Clin North Am 1990 Aug; 17(3):601–12
Orandle MS see **Bastidas JA**
Orbo A, Stalsberg H, Kunde D. Topographic criteria in the diagnosis of tumor emboli in intramammary lymphatics. Cancer 1990 Sep 1;66(5):972–7
Orchard TJ, Dorman JS, Maser RE, Becker DJ, Drash AL, Ellis D, LaPorte RE, Kuller LH. Prevalence of complications in IDDM by sex and duration. Pittsburgh Epidemiology of Diabetes Complications Study II. Diabetes 1990 Sep;39(9):1116–24
Ordi-Ros J see **Harris EN**
Orddige RJ see **Johnson IR**
Orddige RJ see **Stehling MK**
O'Reilly M see **Hebert JC**
O'Reilly MA see **Pelham A**
O'Reilly SM, Richards MA. Node negative breast cancer [letter] BMJ 1990 May 26;300(6736):1399–400
Orenstein JM see **Kotler DP**
Orenstein SR. Prone positioning in infant gastroesophageal reflux: is elevation of the head worth the trouble? J Pediatr 1990 Aug;117(2 Pt 1):184–7
Orentlicher D. From the Office of the General Counsel. Drug testing of physicians. JAMA 1990 Aug 22–29; 264(8):1039–40
Oresland T, Fasth S, Akervall S, Nordgren S, Hultén L. Manovolumetric and sensory characteristics of the ileoanal J pouch compared with healthy rectum. Br J Surg 1990 Jul;77(7):803–6
Orfan N, Patterson R, Dykewicz MS. Severe angioedema related to ACE inhibitors in patients with a history of idiopathic angioedema. JAMA 1990 Sep 12;264(10):1287–9

Orgel HA see **Meltzer EO**
O'Riain MD see **Mandel AR**
Orihel TC see **Beaver PC**
Orii T see **Kondo N**
Orita H see **Watanabe T**
Orita T see **Nishizaki T**
Orkin A. Policy protests, scientific spats take centre stage at Sixth International AIDS Conference. Can Med Assoc J 1990 Aug 15;143(4):312–5
Orloff MJ, Greenleaf G, Girard B. Reversal of diabetic somatic neuropathy by whole-pancreas transplantation. Surgery 1990 Aug;108(2):179–89; discussion 189–90
Orme JF Jr see **Thomas F**
Orme RL see **Hoppenjans WB**
Ormerod O see **Pipilis A**
Ornella GA see **Smith AB**
Ornellas A see **Barroso FL**
Oron M see **Kalechman Y**
O'Rourke RA. Antiphospholipid antibodies. A marker of lupus carditis? [comment] Circulation 1990 Aug;82(2):636–8 . Comment on: Circulation 1990 Aug;82(2):369–75.
Orozco S see **de Castro JM**
Orr A, MacNeill D, Griffith J, Begg A. Out of hours workload in general practice: deprivation or expectation? [letter] BMJ 1990 Jun 9;300(6738):1527
Orrenius S see **McConkey DJ**
Orriols R see **Bellmunt J**
Orrison WW see **Raroque HG Jr**
Orsmond GS see **Shaddy RE**
Orszulak TA see **Freeman WK**
Ortaldo JR see **Smyth MJ**
Ortega JA see **Gilsanz V**
Ortigosa J see **Yebra M**
Ortmann J see **Lunde I**
Ortolano GA see **Dalkin AC**
(Orwig C), Souhrada L. Communicating hospital goals fosters support, says exec. Hospitals 1990 Aug 20;64(16):47
O'Ryan M see **Rauch AM**
Osaki A see **Toi M**
Osanai T, Konta A, Chui D, Kanazawa T, Onodera K, Kogawa T. Electron microscopic findings in benign deoxycorticosterone and 11-deoxycortisol-producing adrenal tumor. Arch Pathol Lab Med 1990 Aug; 114(8):829–31
Oscier DG see **Juliusson G**
O'Shea A see **Vakharia DD**
O'Shea JP see **Abascal VM**
Oshima T see **Sato N**
Oshima T see **Uchida Y**
Oshima Y see **Yamaguchi M**
Oshimi K see **Hoshino S**
Oskarsson T see **Dimitry ES**
Osland A see **Flaten H**
Osler TM see **Demarest GB**
Osler TM, Reddy G, Fletcher D, Demarest GB, Clevenger FW, Nachbar JM, Downey DJ, Fry DE. A computerized approach to injury description. J Trauma 1990 Aug; 30(8):983–7; discussion 987–8
Osteen AM see **Wentz DK**
Osteen KG, Anderson TL, Hargrove JT, Hill GA, Gorstein F. Epithelial cells from normal human endometrium express a tumor-associated glycoprotein (TAG-72) epitope in vitro. Am J Obstet Gynecol 1990 Aug;163(2):479–84
Oster C see **Pierce JM**
Osterby R, Parving HH, Hommel E, Jørgensen HE, Løkkegaard H. Glomerular structure and function in diabetic nephropathy. Early to advanced stages. Diabetes 1990 Sep;39(9):1057–63
Ostergård B see **Hansen A**
Osterholm MT see **Hedberg K**
Osterweil D see **Rubenstein LZ**
O'Sullivan G. Regional anesthesia and aspirin [letter] Anesthesiology 1990 Aug;73(2):359–60
O'Sullivan G see **Marano MA**
Oswald MJ see **Stotter A**
Ota Y see **Kobata T**
Otieno LS see **Gilks CF**
Ott DJ see **Chen MY**
Ott P see **Wille-Jørgensen P**
Ott RA see **Eugene J**
Ott RJ see **Flower MA**
Ott SM. Screening for osteoporosis [letter] Ann Intern Med 1990 Aug 1;113(3):256
Ottesen EA see **Lee SJ**
Ottmann OG see **Ganser A**
Otto RA. Pastoral care. J Nurs Adm 1990 Jul–Aug;20(7–8):17
Otulana BA, Higenbottam T, Scott J, Clelland C, Igboaka G, Wallwork J. Lung function associated with histologically diagnosed acute lung rejection and pulmonary infection in heart-lung transplant patients. Am Rev Respir Dis 1990 Aug;142(2):329–32
Ou CY see **Horsburgh CR Jr**
Ouano L see **Wilson L Jr**
Oudshoorn-Snoek M, Demant P. Identification and expression of the Tla region gene T11b and its Qa-like product. J Immunol 1990 Aug 15;145(4):1270–7
Ouriel K, Geary KJ, Green RM, DeWeese JA. Fate of the exposed saphenous vein graft. Am J Surg 1990 Aug; 160(2):148–50
Oury JF see **Cabrol D**
Out MM see **Coene PP**
Owen H, Brose WG, Plummer JL, Mather LE. Variables of patient-controlled analgesia. 3: Test of an infusion-demand system using alfentanil. Anaesthesia 1990 Jun;45(6):452–5
Owen JS see **Horton RC**
Owen LA see **McNeill AD**
Owen MJ see **Chonmaitree T**
Owen RJ see **Houghton PW**
Owen SJ see **Kalra S**
Owens D see **Tomkin GH**
Owens JD see **Mountz JD**
Owiny JR, Fitzpatrick RJ. Effect of intravaginal application of prostaglandin E2 gel on the mechanical properties of the ovine cervix uteri at term. Am J Obstet Gynecol 1990 Aug;163(2):657–60
Ownbey JL see **Hopper KD**
Oxley DK. Models for clinical pathology training [letter] Arch Pathol Lab Med 1990 Aug;114(8):821
Oxley R see **Robinson MK**
Oxtoby M see **Schuchat A**
Oya M see **Inui A**
Oyedeji C see **Roh MS**
Ozaksoy D see **Sener RN**
Ozawa K see **Kumada K**
Ozawa S, Spaulding SW. Epidermal growth factor inhibits radioiodine uptake but stimulates deoxyribonucleic acid synthesis in newborn rat thyroids grown in nude mice. Endocrinology 1990 Aug;127(2):604–12
Ozawa T, Ikeda K, Yamaki M, Kubota I, Tsuiki K, Yasui S. Clinical implications of exercise-induced chest pain: comparison of patients with and without pathologic Q waves in coronary artery disease. Am Heart J 1990 Sep; 120(3):550–4
Ozkan AN see **Hoyt DB**
Ozutsumi K see **Tonoki H**

P

Pabst HF, Spady DW. Effect of breast-feeding on antibody response to conjugate vaccine. Lancet 1990 Aug 4; 336(8710):269–70
Pacheco R see **Saravia NG**
Pachon J, Prados MD, Capote F, Cuello JA, Garnacho J, Verano A. Severe community-acquired pneumonia. Etiology, prognosis, and treatment. Am Rev Respir Dis 1990 Aug;142(2):369–73
Pacht ER see **Allen JN**
Pacifico AD Jr see **Anstadt MP**
Packard CJ see **Taskinen MR**
Packer AJ see **Beer PM**
Packer M. Are nitrates effective in the treatment of chronic heart failure? Antagonist's viewpoint. Am J Cardiol 1990 Aug 15;66(4):458–61 (34 ref.)
Packer M. Role of the sympathetic nervous system in chronic heart failure. A historical and philosophical perspective. Circulation 1990 Aug;82(2 Suppl):I1–6 (80 ref.)
Packer M. Pathophysiological mechanisms underlying the effects of beta-adrenergic agonists and antagonists on functional capacity and survival in chronic heart failure. Circulation 1990 Aug;82(2 Suppl):I77–88 (141 ref.)
Packer M. Due process. West J Med 1990 Jul;153(1):91–2
Packer MG see **Harrison CB**
Packer MG see **Scherz HC**
Pacy PJ, Cheng KN, Ford GC, Halliday D. Influence of glucagon on protein and leucine metabolism: a study in fasting man with induced insulin resistance. Br J Surg 1990 Jul;77(7):791–4
Padel AF, Venning VA, Evans MF, Quantrill AM, Fleming KA. Human papillomaviruses in anogenital warts in children: typing by in situ hybridisation. BMJ 1990 Jun 9;300(6738):1491–4
Padget H see **Galloway PG**
Padgham ND, Bingham BJ, Purdue BN. Episodic macroglossia in Down's syndrome. J Laryngol Otol 1990 Jun;104(6):494–6
Padilla A see **Larralde C**
Padre LP see **Watt G**
Padrós MR see **Vindrola O**
Paes BM see **Langer JC**
Paes ML see **Freeman R**
Pagan-Charry I see **Staiano-Coico L**
Pagano M see **Van Marter LJ**
Page CP see **Coyle AJ**
Page DL see **Moore DE**
Page JE, Prendergast CM, King DM. Retroperitoneal haematoma following orchidectomy: implications for staging computed tomography. Br J Radiol 1990 Jun; 63(750):490–2
Page US see **Salomon NW**
Pagel PS, Kampine JP, Schmeling WT, Warltier DC. Comparison of end-systolic pressure-length relations and preload recruitable stroke work as indices of myocardial contractility in the conscious and anesthetized, chronically instrumented dog. Anesthesiology 1990 Aug;73(2):278–90
Pagliaro L see **Poynard T**
Pagon RA see **Shohat M**
Pahira JJ see **Sedlack JD**
Påhlman L see **Enblad G**
Påhlman L see **Enblad P**
Påhlman S see **Gronowitz JS**
Pahuja SL see **Petrazzuoli M**
Pai RG, Bansal RC, Shah PM. Doppler-derived rate of left ventricular pressure rise. Its correlation with the postoperative left ventricular function in mitral regurgitation. Circulation 1990 Aug;82(2):514–20
Paillard M see **Bichara M**
Painter DM see **McDonald JA**
Paiz A see **Chakerian MU**
Pakyz RE see **Heindel RM**
Palacios IF see **Abascal VM**
Palencia G see **Larralde C**
Palevsky HI, Pietra GG, Fishman AP. Pulmonary veno-occlusive disease and its response to vasodilator agents. Am Rev Respir Dis 1990 Aug;142(2):426–9
Palevsky HI see **Gefter WB**
Palit J, Hill J, Capell HA, Carey J, Daunt SO, Cawley MI, Bird HA, Nuki G. A multicentre double-blind comparison of auranofin, intramuscular gold thiomalate and placebo in patients with psoriatic arthritis. Br J Rheumatol 1990 Aug;29(4):280–3
Palko MJ, Wang SE, Shackney SE, Cottington EM, Levitt SB, Hartsock RJ. Flow cytometric S fraction as a predictor of clinical outcome in cystosarcoma phyllodes. Arch Pathol Lab Med 1990 Sep;114(9):949–52
Palladino MA see **Lucas C**
Pallini R, Fernandez E. Autologous cervical ganglion transplantation in parkinsonian monkeys [letter] J Neurosurg 1990 Sep;73(3):474–5
Palmer LD, Leary TP, Wilson DM, Splitter GA. Bovine natural killer-like cell responses against cell lines expressing recombinant bovine herpesvirus type 1 glycoproteins. J Immunol 1990 Aug 1;145(3):1009–14
Palmer M see **Petrelli NJ**
Palmieri GM see **Farah MJ**
Palmiter RD see **Behringer RR**
Palomaki GE see **Johnson AM**
Palow D see **Burkett G**
Pan HY, DeVault AR, Swites BJ, Whigan D, Ivashkiv E, Willard DA, Brescia D. Pharmacokinetics and pharmacodynamics of pravastatin alone and with cholestyramine in hypercholesterolemia. Clin Pharmacol Ther 1990 Aug;48(2):201–7
Pan M see **Medina A**
Panayi GS see **Corkill MM**
Panayi GS see **Czeuz R**
Panayi GS see **Sakkas LI**
Panda JK. Primary ovarian twin pregnancy. Case report. Br J Obstet Gynaecol 1990 Jun;97(6):540–1
Panday S see **Conway SP**
Pandey NS see **Finkelstein A**
Pandey SK see **Knights B**
Pandian MR see **Rein MS**
Pandian MR see **Takiyyuddin MA**
Pandov H see **Williams J**
Panek WC, Christensen RE, Lee DA, Fazio DT, Fox LE, Scott TV. Biometric variables in patients with occludable anterior chamber angles. Am J Ophthalmol 1990 Aug 15; 110(2):185–8
Pang J see **Chan HS**
Panidis IP see **Smith AJ**
Pannek J see **Haupt G**
Pantanowitz D see **Demetriades D**
Pantelidis N see **Gourtsoyiannis N**
Panter KE, Bunch TD, Keeler RF, Sisson DV, Callan RJ. Multiple congenital contractures (MCC) and cleft palate induced in goats by ingestion of piperidine alkaloid-containing plants: reduction in fetal movement as the probable cause. J Toxicol Clin Toxicol 1990;28(1):69–83
Panush RB, Caldwell JR, Panush RS. Corot's 'gout' and a 'gipsy' girl. JAMA 1990 Sep 5;264(9):1136–8
Panush RS see **Panush RB**
Panzer RJ see **Franklin PD**
Papadimitriou JM see **Tiong JT**
Papadopoulos PD see **Michaelides AP**
Papaioannou S see **Mussurakis S**
Papasian CJ see **Wesselius LJ**
Papenhausen P see **Carlan SJ**
Papp C, Maurer H, Geroldinger E. Lower eyelid reconstruction with the upper eyelid rotation flap. Plast Reconstr Surg 1990 Sep;86(3):563–5; discussion 566–8
Paquin F see **Hajj C**
Paradise JE. The medical evaluation of the sexually abused child. Pediatr Clin North Am 1990 Aug;37(4):839–62 (93 ref.)
Parashar K, Booth IW, Corkery JJ, Gornall P, Buick RG. The long-term sequelae of ileocolic anastomosis in childhood: a retrospective survey. Br J Surg 1990 Jun; 77(6):645–6
Pardes H. Defending humanistic values. Am J Psychiatry 1990 Sep;147(9):1112–9
Pardo-Mindan FJ see **Coma del Corral MJ**
Pardridge WM, Triguero D, Farrell CR. Downregulation of blood-brain barrier glucose transporter in experimental diabetes. Diabetes 1990 Sep;39(9):1040–4
Pardridge WM see **Vinters HV**
Paré PD see **Bosken CH**
Paré PD see **Wilcox PG**
Parent A, Schiffrin EL, St-Louis J. Role of the endothelium in adrenergic responses of mesenteric artery rings of pregnant rats. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):229–34
Parent FN 3d see **Feinberg RL**
Parham DM, Morton K, Coghill G, Robertson AJ, Kerr MA. Expression of CD15 antigen in urinary bladder transitional cell carcinoma. J Clin Pathol 1990 Jul;43(7):541–3
Pariente D see **Sigal R**

Pariente R see **Sleiman C**
Paris JA see **Purvis JR**
Paris Romeu F see **Guijarro Jorge R**
Parish CR, Low L, Warren HS, Cunningham AL. A polyanion binding site on the CD4 molecule. Proximity to the HIV-gp120 binding region. J Immunol 1990 Aug 15; 145(4):1188–95
Parisi VM see **Ang MS**
Parisien JS. Arthroscopic treatment of cysts of the menisci. A preliminary report. Clin Orthop 1990 Aug;(257):154–8
Park HK see **Chen YT**
Park JH, Cha SH, Han JK, Han MC. Intrahepatic portosystemic venous shunt. AJR Am J Roentgenol 1990 Sep;155(3):527–8
Park JM see **Im JG**
Park MK see **Weaver MG**
Park SK see **Stackhouse S**
Parker AC see **Juliusson G**
Parker J see **Mizutani AR**
Parker JC, Hernandez LA, Longenecker GL, Peevy K, Johnson W. Lung edema caused by high peak inspiratory pressures in dogs. Role of increased microvascular filtration pressure and permeability. Am Rev Respir Dis 1990 Aug; 142(2):321–8
Parker JC see **Uveges JM**
Parker JD see **Taylor GJ**
Parker MM see **Parrillo JE**
Parker S see **Scalcini M**
Parker SH see **Hopper KD**
Parker SH, Lovin JD, Jobe WE, Luethke JM, Hopper KD, Yakes WF, Burke BJ. Stereotactic breast biopsy with a biopsy gun [see comments] Radiology 1990 Sep; 176(3):741–7. Comment in: Radiology 1990 Sep;176(3):615–6.
Parker WD JR, Boyson SJ, Luder AS, Parks JK. Evidence for a defect in NADH: ubiquinone oxidoreductase (complex I) in Huntington's disease. Neurology 1990 Aug; 40(8):1231–4
Parker WD Jr, Filley CM, Parks JK. Cytochrome oxidase deficiency in Alzheimer's disease. Neurology 1990 Aug; 40(8):1302–3
Parkes ML. The nasal tip [letter] Plast Reconstr Surg 1990 Sep;86(3):604–5
Parkin J see **Jacyna MR**
Parkin JM see **Ward Platt M**
(Parkin M), Waterston AJ, Aynsley-Green A, Weaver LT, Whitehead RG. Michael Parkin—an international paediatrician. Arch Dis Child 1990 Jul;65(7):802
Parkinson D. Feeding arteries to arteriovenous malformations [letter] J Neurosurg 1990 Sep;73(3):477–8
Parks DH see **Fischer RP**
Parks JK see **Parker WD Jr**
Parmelee JT see **Ocrant I**
Parmentier HK, van Wichen D, Sie-Go DM, Goudsmit J, Borleffs JC, Schuurman HJ. HIV-1 infection and virus production in follicular dendritic cells in lymph nodes. A case report, with analysis of isolated follicular dendritic cells. Am J Pathol 1990 Aug;137(2):247–51
Parmley WW. Epinephrine for cardiac resuscitation: too much beta for its own good? [editorial; comment] J Am Coll Cardiol 1990 Aug;16(2):495–6. Comment on: J Am Coll Cardiol 1990 Aug;16(2):489–94.
Parmley WW see **Stefenelli T**
Parr MJ, Hayden-Smith J. Propofol, porphyria and epilepsy [letter] Anaesthesia 1990 Jul;45(7):594
Parra RO, Wolf RM, Huben RP. The use of transrectal ultrasound in the detection and evaluation of local pelvic recurrences after a radical urological pelvic operation. J Urol 1990 Sep;144(3):707–9
Parra-Mejia N see **Salker R**
Parrilla Paricio P, García Olmo D, Pellicer Franco E, Prieto González A, Carrasco González L, Bermejo López J. Gallbladder cholesterolosis: an aetiological factor in acute pancreatitis of uncertain origin. Br J Surg 1990 Jul; 77(7):735–6
Parrilli G see **Pignata C**
Parrillo JE, Parker MM, Natanson C, Suffredini AF, Danner RL, Cunnion RE, Ognibene FP. Septic shock in humans. Advances in the understanding of pathogenesis, cardiovascular dysfunction, and therapy. Ann Intern Med 1990 Aug 1;113(3):227–42 (101 ref.)
Parrott TS, Woodard JR, Wolpert JJ. Ureteral tailoring: a comparison of wedge resection with infolding. J Urol 1990 Aug;144(2 Pt 1):328–9
Parry RG see **Wolfort FG**
Parry-Billings M see **Goodwin GM**
Parry-Billings M, Evans J, Calder PC, Newsholme EA. Does glutamine contribute to immunosuppression after major burns? Lancet 1990 Sep 1;336(8714):523–5
Parsons DS see **Mair EA**
Parsons J see **Booker M**
Parsons JM see **Ladusans EJ**
Parsons JR see **Mylod AG Jr**
Parsons MT see **Wilson L Jr**
Parsons PE see **Forrester JM**
Parsons RW see **Hung J**
Parsons V see **Dische FE**
Partio E see **Santavirta S**
Parton J see **Jackson SK**
Partsch G see **Matucci-Cerinic M**
Parulkar BG, Barrett DM. Application of the AS-800 artificial sphincter for intractable urinary incontinence in females. Surg Gynecol Obstet 1990 Aug;171(2):131–8
Parvey HR, Eisenberg RL, Wolfson J, Wood M. Complementary use of Doppler sonography and delayed right lateral scintigraphy for the diagnosis of choledochal cysts. South Med J 1990 Aug;83(8):970–2 (6 ref.)
Parvin M see **Johnson SE**
Parving HH see **Osterby R**
Pascaud X see **Junien JL**
Pascoe-Mason J see **Droste S**
Pascual E see **Khan TJ**
Pascual JA, Villanueva-Meyer J, Rutgers JL, Lemmi CA, Sikka SC, Ehrlich RM, Mena I, Rajfer J. Long-term effects of prepubertal testicular vessel ligation on testicular function in the rat. J Urol 1990 Aug;144(2 Pt 2):466–8; discussion 474
Pascual M, Perrin L, Giostra E, Schifferli JA. Hepatitis C virus in patients with cryoglobulinemia type II [letter] J Infect Dis 1990 Aug;162(2):569–7
Pascuzzi RM see **Roos KL**
Pasero G see **Olivieri I**
Pasic R, Wolfe WM. Laparoscopic diagnosis and treatment of interstitial ectopic pregnancy: a case report. Am J Obstet Gynecol 1990 Aug;163(2):587–8
Pasieka KB see **Nakayama DK**
Pasloske BL see **Howard RJ**
Pass HI see **Robertson CN**
Pass LJ see **Estrera AS**
Passamani ER see **Gunnar RM**
Passarelli L see **Schneider RE**
Passmore D, Bennett J, Radomsky M, Saperstein L. Tailored safety training for miners in small Pennsylvania surface coal mines [news] Am J Public Health 1990 Sep;80(9):1134–5
Passmore R see **Kanis JA**
Pasta L see **Poynard T**
Pasteels JL see **Verhest A**
Pastides H see **Stanek EJ 3d**
Pastorek JG 2d see **Wiedemann MA**
Patalas E see **McCoshen J**
Pate JW. Risks of blood exposure to the cardiac surgical team. Ann Thorac Surg 1990 Aug;50(2):248–50
Patel D see **Robinson PN**
Patel DD see **Bhatavdekar JM**
Patel J see **Westhoff C**
Patel N see **Hans B**
Patel S see **Hsu CH**
Patel SR, Kvols LK, Hahn RG, Windschitl H, Levitt R, Therneau T. A phase II randomized trial of megestrol acetate or dexamethasone in the treatment of hormonally refractory advanced carcinoma of the prostate. Cancer 1990 Aug 15;66(4):655–8
Patel V, Merchant S, Kedar R, Lakshmiratnam K, Ketkar M. Communicating liver abscesses [letter] AJR Am J Roentgenol 1990 Sep;155(3):654–5
Patelli M see **Poletti V**
Paterson DC see **Cundy PJ**
Paterson DC see **Jones JR**
Paterson JM see **Coates CJ**
Paterson JM see **Roper BA**
Paterson PJ see **Mufti GR**
Paterson-Brown S, Francis N, Whawell S, Cooper GJ, Dudley HA. Prediction of the delayed complications of intestinal and mesenteric injuries following experimental blunt abdominal trauma. Br J Surg 1990 Jun;77(6):648–51
Patetta MJ, Cole TB. A population-based descriptive study of housefire deaths in North Carolina. Am J Public Health 1990 Sep;80(9):1116–7
Patki AH. Pterygium inversum unguis in a patient with leprosy [letter] Arch Dermatol 1990 Aug;126(8):1110
Patki AH. Multiple Beau's lines due to recurrent erythema nodosum leprosum [letter] Arch Dermatol 1990 Aug; 126(8):1110–1
Patrick DM, Dales RE, Stark RM, Laliberte G, Dickinson G. Severe exacerbations of COPD and asthma. Incremental benefit of adding ipratropium to usual therapy. Chest 1990 Aug;98(2):295–7
Patt A see **Anderson BO**
Patt RB see **Piancarte R**
Pattavino J see **Brotschi EA**
Pattemore PK, Asher MI, Harrison AC, Mitchell EA, Rea HH, Stewart AW. The interrelationship among bronchial hyperresponsiveness, the diagnosis of asthma, and asthma symptoms [see comments] Am Rev Respir Dis 1990 Sep; 142(3):549–54. Comment in: Am Rev Respir Dis 1990 Sep;142(3):497–500.
Patterson DE see **Hill DE**
Patterson GA see **Dresler CM**
Patterson GA see **Miyoshi S**
Patterson K see **Rushton HG**
Patterson KG see **McMillan AK**
Patterson R, Dykewicz MS, Gonzalzles A, Grammer LC, Green D, Greenberger PA, McGrath KG, Walker CL. Erythema multiforme and Stevens-Johnson syndrome. Descriptive and therapeutic controversy. Chest 1990 Aug; 98(2):331–6 (15 ref.)
Patterson R, Dykewicz MS, Grammer LC, Greenberger PA, Lawrence ID, Walker CL, Wong S, Zeiss CR. Classification of immediate-type, life-threatening allergic or pseudoallergic reactions. Chest 1990 Aug;98(2):257–9 (18 ref.)
Patterson R see **Grammer LC**
Patterson R see **Orfan N**
Patterson R see **Wong S**
Patterson TL see **Smith LW**
Patti L see **Abbott WG**
Pattinson HA see **Scott SG**
Pattinson R see **Murphy KW**
Paty P see **Eshima I**
Patzer EJ see **Lucas C**
Pau KY see **Kaynard AH**
Paul MG see **Sedlack JD**
Paul S, Volle DJ, Mei S. Affinity chromatography of catalytic autoantibody to vasoactive intestinal peptide. J Immunol 1990 Aug 15;145(4):1196–9
Paul WE see **Ben-Sasson SZ**
Pauli RM see **Mixter RC**
Paulin T see **Ljungman P**
Paull BD see **Meltzer EO**
Paull DE see **Detterbeck FC**
Paulley JW. Why do patients with ulcerative colitis relapse? [letter] Gut 1990 Aug;31(8):959–60
Paulsen W see **Porter T**
Paushter DM see **Rifkin MD**
Pavia D see **Mier A**
Pavlakis S see **Steinschneider M**
Pavlov H. Imaging of the foot and ankle. Radiol Clin North Am 1990 Sep;28(5):991–1018 (71 ref.)
Pawade J see **Marcus RT**
Pawson IG see **Green JR**
Paxton H see **Roberts RB**
Payne AH see **Keyes PL**
Payne DJ see **Woodford N**
Payne FG see **Thorp JM Jr**
Payne SP see **Lloyd DM**
Payne-James J, Silk D. Clinical nutrition support. BMJ 1990 Jul 7;301(6742):1–2 (28 ref.)
Paz G see **Berger SA**
Paz H see **Saenz RE**
Pazianas M see **Eastwood JB**
Pazzaglia G, Batchelor R, Escamilla J, Bernal M, Nunez G. Campylobacter jejuni versus Campylobacter coli in developing countries: how accurate are prevalence estimates? [letter] J Infect Dis 1990 Aug;162(2):570
Peachey NS, Gagliano DA, Jacobson MS, Derlacki DJ, Fishman GA, Cohen SB. Correlation of electroretinographic findings and peripheral retinal nonperfusion in patients with sickle cell retinopathy. Arch Ophthalmol 1990 Aug; 108(8):1106–9
Pead L see **Maskell R**
Peake IR, Bowen D, Bignell P, Liddell MB, Sadler JE, Standen G, Bloom AL. Family studies and prenatal diagnosis in severe von Willebrand disease by polymerase chain reaction amplification of a variable number tandem repeat region of the von Willebrand factor gene. Blood 1990 Aug 1;76(3):555–61
Pearce FB see **Ungerleider RM**
Pearce JM see **Frappell J**
Pearce JM see **Penketh R**
Pearce WH see **Baxter BT**
Pearle DL. Pharmacologic management of ischemic heart disease with beta-blockers and calcium channel blockers. Am Heart J 1990 Sep;120(3):739–42; discussion 743–5
Pearlman DS see **Meltzer EO**
Pearson AC see **Hilton TC**
Pearson AD see **Skinner R**
Pearson I see **Deane SA**
Pearson P see **Bigrigg MA**
Pearson RD see **Jagger J**
Pearson S see **Cracchiolo A 3d**
Pearson SJ see **Reynolds GP**
Pearson TA see **Horneffer PJ**
Pease LR see **Hunt HD**
Pease WS. The carpal tunnel syndrome [letter] Ann Intern Med 1990 Sep 1;113(5):409
Peccini F see **Tantucci C**
Pecoraro JP, Dardik H, Mauro A, Wolodiger F, Drascher G, Raccuia S, Yu A, Kahn M, Sussman B, Ibrahim IM. Epidural anesthesia as an adjunct to retroperitoneal aortic surgery. Am J Surg 1990 Aug;160(2):187–91
Pector JC see **Verhest A**
Pedersen CA see **Cartun RW**
Pedersen F see **Clemmensen P**
Pederson LL see **Chen Y**
Peduzzi PN see **Sprung CL**
Peek ME see **van Raaij JM**
Peel C, Allard MJ. Cardiovascular responses to isokinetic trunk exercise. Phys Ther 1990 Aug;70(8):503–10
Peele VN see **Chen MY**
Peeters TL see **Depoortere I**
Peets E see **Edwards L**
Peevy K see **Parker JC**
Peillon F see **Le Dafniet M**
Peiró E see **Miralles P**
Peitzman A see **Tisherman SA**
Pelham A, O'Reilly MA, Malcolm S, Levinsky RJ, Kinnon C. RFLP and deletion analysis for X-linked chronic granulomatous disease using the cDNA probe: potential for improved prenatal diagnosis and carrier determination. Blood 1990 Aug 15;76(4):820–4
Pellegrini VD Jr see **Francis CW**
Peller PA see **Nill TG**
Peller S see **Kornberg A**
Pelletier G see **Dupont E**
Pellicer Franco E see **Parrilla Paricio P**
Pellier P see **Beaugerie L**

Pellier P see **Flourié B**
Pels E see **Breebaart AC**
Pels E see **Nuyts RM**
Pelto-Huikko M see **Schalling M**
Pendkar R see **Bhattacharyya SS**
Peng RC see **Avol EL**
Penketh R, Pearce JM. Maternal and fetal screening for antenatal care [letter] BMJ 1990 Jun 23;300(6740):1653–4
Penn OC see **Cruz FE**
Pennell CA, Maynard E, Arnold LW, Haughton G, Clarke SH. High frequency expression of S107 VH genes by peritoneal B cells of B10.H-2aH-4bP/WTS mice. J Immunol 1990 Sep 1;145(5):1592–7
Penner E see **Wesierska-Gadek J**
Pennica A see **Aceti A**
Pennington DG see **Seacord LM**
Pentecost M see **Applebaum R**
Pentland AP, Mahoney M, Jacobs SC, Holtzman MJ. Enhanced prostaglandin synthesis after ultraviolet injury is mediated by endogenous histamine stimulation. A mechanism for irradiation erythema. J Clin Invest 1990 Aug;86(2):566–74
Pentland B see **Robertson IH**
Peoples JB see **Scher KS**
Pepe MS see **Bianco JA**
Pepe MS see **Ljungman P**
Pepe PE see **Fischer RP**
Pepe R, Molavi A. Zidovudine for the treatment of HIV infection. Am Fam Physician 1990 Aug;42(2):437–43 (33 ref.)
Pepkowitz SH see **Wolfson DJ**
Peppard RF see **Snow BJ**
Pepys MB see **Hawkins PN**
Pera A see **Aniskiewicz AS**
Perconte ST, Goreczny AJ. Failure to detect fabricated posttraumatic stress disorder with the use of the MMPI in a clinical population. Am J Psychiatry 1990 Aug; 147(8):1057–60
Percy C, Ries LG, Van Holten VD. The accuracy of liver cancer as the underlying cause of death on death certificates. Public Health Rep 1990 Jul–Aug;105(4):361–7
Perednia D see **Edwards L**
Pereira HA, Spitznagel JK, Winton EF, Shafer WM, Martin LE, Guzman GS, Pohl J, Scott RW, Marra MN, Kinkade JM Jr. The ontogeny of a 57-Kd cationic antimicrobial protein of human polymorphonuclear leukocytes: localization to a novel granule population. Blood 1990 Aug 15;76(4):825–34
Pereira SP see **Khin-Maung-U**
Perelstein EM, Grunfield BG, Simsolo RB, Gimenez MI, Gianantonio CA. Renal functional reserve compared in haemolytic uraemic syndrome and single kidney. Arch Dis Child 1990 Jul;65(7):728–31
Peres AK see **Cruz FE**
Perez J see **Brandstetter RD**
Perez J see **Carlan SJ**
Perez J see **Vidal F**
Pérez RM see **Abdalla S**
Perez-Atayde AR see **Friedman E**
Perez-Perez GI see **Glassman MS**
Pérez-Stable EJ, Marín BV, Marín G, Brody DJ, Benowitz NL. Apparent underreporting of cigarette consumption among Mexican American smokers [see comments] Am J Public Health 1990 Sep;80(9):1057–61. Comment in: Am J Public Health 1990 Sep;80(9):1040–1.
Perignon JL see **Labrune P**
Perinpanayagam RM see **Woodford N**
Perkash I see **Kabalin JN**
Perkel VS, Mohan S, Baylink DJ, Linkhart TA. An inhibitory insulin-like growth factor binding protein (In-IGFBP) from human prostatic cell conditioned medium reveals N-terminal sequence identity with bone derived In-IGFBP. J Clin Endocrinol Metab 1990 Aug;71(2):533–5
Perkins HS, Bauer RL, Hazuda HP, Schoolfield JD. Impact of legal liability, family wishes, and other "external factors" on physicians' life-support decisions. Am J Med 1990 Aug; 89(2):185–94
Perkins KA, Epstein LH, Stiller RL, Sexton JE, Fernstrom MH, Jacob RG, Solberg R. Metabolic effects of nicotine after consumption of a meal in smokers and nonsmokers. Am J Clin Nutr 1990 Aug;52(2):228–33
Perks AG see **Cole WG**
Perks D see **Freeman R**
Perler FB see **Colina KF**
Perlmutter AD see **Rober PE**
Perlmutter AD see **Spencer JR**
Perloff JK see **Chin TK**
Perloff WH see **Mixter RC**
Perman E. Voluntary control of drug promotion in Sweden. N Engl J Med 1990 Aug 30;323(9):616–7
Permanyer-Miralda G see **Tornos MP**
Permutt MA see **Bourey RE**
Perrella RR see **Duerinckx AJ**
Perrella RR see **Grant EG**
Perrenoud A see **Muff R**
Perrin L see **Pascual M**
Perrin LH, Yerly S, Adami N, Bachmann P, Bütler-Brunner E, Burckhardt J, Kawashima E. Human immunodeficiency virus DNA amplification and serology in blood donors. Blood 1990 Aug 1;76(3):641–5
Perronne C, Lazanas M, Leport C, Simon F, Salmon D, Dallot A, Vildé JL. Varicella in patients infected with the human immunodeficiency virus [see comments] Arch Dermatol 1990 Aug;126(8):1033–6. Comment in: Arch Dermatol 1990 Aug;126(8):1086–8.
Perry BD see **Southwick SM**
Perry G see **Cras P**
Perry G see **Galloway PG**
Perry GY see **Kriwisky M**
Perry J see **Green JR**
Perry KG Jr see **Miles JF Jr**
Perry RH see **Wariyar UK**
Perry S see **Spevak PJ**
Perry SB see **Keane JF**
Persing JA see **Berman DE**
Persoon TJ see **Stegink LD**
Persson H see **Schalling M**
Persson PE see **Nilsson OS**
Pertsemlidis D see **Unger PD**
Peruzzi L see **Alessio M**
Pescovitz OH see **Berry SA**
Petcu LG see **DeLacure MD**
Peter CT, Helfant RH. Postinfarction ventricular tachycardia and fibrillation: reassessing the role of drug therapy and approach to the high risk patient [editorial; comment] J Am Coll Cardiol 1990 Sep;16(3):531–2. Comment on: J Am Coll Cardiol 1990 Sep;16(3):521–30.
Peters AM. Recent advances and future projections in clinical radionuclide imaging. Br J Radiol 1990 Jun;63(750):411–29 (80 ref.)
Peters CA see **Jung WH**
Peters J see **Donovan KL**
Peters LL, McFarland-Starr EC, Wood BG, Barker JE. Heritable severe combined anemia and thrombocytopenia in the mouse: description of the disease and successful therapy. Blood 1990 Aug 15;76(4):745–54
Peters SG see **Corona ML**
Peters TG, Vaughn WK. Organs for transplantation: analysis of 27,000 cadaveric donor organs. South Med J 1990 Aug; 83(8):889–92
Peters WJ see **Teodorczyk-Injeyan JA**
Petersen D see **Grodd W**
Petersen LR, White CR. Premarital screening for antibodies to human immunodeficiency virus type 1 in the United States. The Premarital Screening Study Group. Am J Public Health 1990 Sep;80(9):1087–90
Peterson FB see **Sullivan KM**
Peterson HB see **Lindsay MK**
Peterson HB, Huber DH, Belker AM. Vasectomy: an appraisal for the obstetrician-gynecologist. Obstet Gynecol 1990 Sep;76(3 Pt 2):568–72 (34 ref.)
Peterson PK see **Caperton EM**
Petersson B, Wernerman J, Waller SO, von der Decken A, Vinnars E. Elective abdominal surgery depresses muscle protein synthesis and increases subjective fatigue: effects lasting more than 30 days. Br J Surg 1990 Jul;77(7):796–800
Petit B see **Weber RS**
Petit J see **Galerneau V**
Petit WA see **David M**
Peto R see **Collins R**
Petocz P see **Miller JJ**
Petraglia F, Calzà L, Garuti GC, Abrate M, Giardino L, Genazzani AR, Vale W, Meunier H. Presence and synthesis of inhibin subunits in human decidua. J Clin Endocrinol Metab 1990 Aug;71(2):487–92
Petrasek PF, Kalman PG, Martin RD. Sartorius myoplasty for deep groin wounds following vascular reconstruction. Am J Surg 1990 Aug;160(2):175–8
Petrazzuoli M, Pahuja SL, Larner JM, Hochberg RB. Biological activity of the fatty acid ester metabolites of corticoids. Endocrinology 1990 Aug;127(2):555–9
Petrella A see **Curiel P**
Petrelli NJ, Palmer M, Michalek A, Herrera L, Mink I, Bersani G, Cummings KM. Massive screening for colorectal cancer. A single institution's public commitment. Arch Surg 1990 Aug;125(8):1049–51
Petri WA Jr see **Ravdin JI**
Petrie JP see **Ching DW**
Petrik JH see **Nelson MC**
Petrillo M see **Porro GB**
Petrini G see **Bellobuono A**
Petropoulos A see **Mueller UW**
Petruzzelli GJ, Johnson JT. Peritonsillar abscess. Why aggressive management is appropriate. Postgrad Med 1990 Aug;88(2):99–100, 103–5, 108
Pettersen A see **Bakkevold KE**
Pettersson H see **Abdon P**
Pettersson T see **Klockars M**
Pettinati HM, Stephens SM, Willis KM, Robin SE. Evidence for less improvement in depression in patients taking benzodiazepines during unilateral ECT. Am J Psychiatry 1990 Aug;147(8):1029–35
Petty TL. Acute respiratory distress syndrome (ARDS). Dis Mon 1990 Jan;36(1):1–58 (135 ref.)
Petty TL see **Rogers RM**
Petzel RA see **Nichol KL**
Pezzella F, Tse AG, Cordell JL, Pulford KA, Gatter KC, Mason DY. Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation. Am J Pathol 1990 Aug;137(2):225–32
Pezzilli R see **Gullo L**
Pfeffer RC see **Catrambone RJ**
Pfeiffer EF see **Bornstein SR**
Pfeifle DM see **Windschitl HE**
Pfister JR see **Hoxie NJ**
Pfleiderer A see **Ikenberg H**
Pflüger KH see **Hiddemann W**
Pflüger KH see **Weide R**
Pflugfelder PW see **Reid KR**
Pflugfelder SC see **Duffner LR**
Pfreundschuh M see **Hiddemann W**
Pham DL see **Lilienfeld DE**
Pham FK see **Samaan NA**
Pham QT see **Teculescu DB**
Pharoah PO, Cooke T, Cooke RW, Rosenbloom L. Birthweight specific trends in cerebral palsy. Arch Dis Child 1990 Jun;65(6):602–6
Phelps JL, Beidler DE, Jue RA, Unger BW, Johnson MJ. Expression and characterization of a chimeric bifunctional antibody with therapeutic applications. J Immunol 1990 Aug 15;145(4):1200–4
Phelps PD, Cheesman AD. Imaging jugulotympanic glomus tumors. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):940–5
Phil S see **Ng Wingtin L**
Philippé J see **Offner F**
Philips J see **Ungerleider RM**
Philipson E see **Elder JS**
Phillips BA, Schmitt FA, Berry DT, Lamb DG, Amin M, Cook YR. Treatment of obstructive sleep apnea. A preliminary report comparing nasal CPAP to nasal oxygen in patients with mild OSA. Chest 1990 Aug;98(2):325–30
Phillips GL see **Barnett MJ**
Phillips HS, Hains J, Leung DW, Ferrara N. Vascular endothelial growth factor is expressed in rat corpus luteum. Endocrinology 1990 Aug;127(2):965–7
Phillips IA see **Hyams KC**
Phillips JA 3d. Diagnosis at the bedside by gene analysis. South Med J 1990 Aug;83(8):868–75 (15 ref.)
Phillips MR see **Deng MZ**
Phillips NF see **el Meanawy MA**
Phillips NJ, Davie JM. Idiotope structure and genetic diversity in anti-streptococcal group A carbohydrate antibodies. J Immunol 1990 Aug 1;145(3):915–24
Phillips RK see **Scott AD**
Phillips RK see **Surtees P**
Phillips RR see **Conway SP**
Phillips TH, Ritchey ML, Beck DE. Technical aid for the complete removal of ureterointestinal anastomoses. Surg Gynecol Obstet 1990 Aug;171(2):163–4
Phillips TJ, Bhawan J, Gilchrest BA. Characterization of cellular elements in healed cultured keratinocyte autografts used to cover burn wounds [letter] Arch Dermatol 1990 Aug;126(8):1104–5
Phillips TW see **Miller JI Jr**
Phillips WE, Audet M. Use of serial casting in the management of knee joint contractures in an adolescent with cerebral palsy. Phys Ther 1990 Aug;70(8):521–3
Philp JR, Camp MG. The problem-based curriculum at Bowman Gray School of Medicine. Acad Med 1990 Jun; 65(6):363–4
Pi-Sunyer FX see **Kissileff HR**
Piazza V, Galli F, Villa G, Salvadeo A, Battistel V, Barosi G. Erythropoietin, aluminium, and anaemia in patients on haemodialysis [letter] Lancet 1990 Jul 28;336(8709):255–6
Picard MH, Wilkins GT, Ray PA, Weyman AE. Natural history of left ventricular size and function after acute myocardial infarction. Assessment and prediction by echocardiographic endocardial surface mapping. Circulation 1990 Aug;82(2):484–94
Piccinelli A see **Benigni A**
Pichichero ME. Effect of breast-feeding on oral rhesus rotavirus vaccine seroconversion: a metaanalysis. J Infect Dis 1990 Sep;162(3):753–5
Pichora DR see **Birchard JD**
Pickering LK see **Rauch AM**
Pickett JD see **Rodriguez AR**
Pickrell J see **Craven CM**
Picus DD see **Clayman RV**
Piedra PA see **Englund JA**
Pier GB see **Kojima Y**
Pierangeli S see **Harris EN**
Pierart J, Burmeister R, Steinberg J, Schalper J, Cid L. Use of thermography in the differential diagnosis of phylloides tumour. Br J Surg 1990 Jul;77(7):783–4
Pierce GF see **Mustoe TA**
Pierce JM, Kellerman AL, Oster C. "Bounces": an analysis of short-term return visits to a public hospital emergency department. Ann Emerg Med 1990 Jul;19(7):752–7
Pierce JM Jr see **Dhabuwala CB**
Pieresca C see **Gobbi PG**
Pieroni G see **Riveros DA**
Pierre-Kahn A, Capelle L, Brauner R, Sainte-Rose C, Renier D, Rappaport R, Hirsch JF. Presentation and management of suprasellar arachnoid cysts. Review of 20 cases. J Neurosurg 1990 Sep;73(3):355–9
Pierro JA, Soleimanpour M, Bory JL. Left retrocaval ureter associated with left inferior vena cava. AJR Am J Roentgenol 1990 Sep;155(3):545–6
Pierson RN Jr see **Heymsfield SB**
Pies R. Seasonal affective disorder and the photic sneeze response [letter] Am J Psychiatry 1990 Aug;147(8):1094
Pieters J, Lindhout T, Willems G. Heparin-stimulated inhibition of factor IXa generation and factor IXa neutralization in plasma. Blood 1990 Aug 1;76(3):549–54
Pietra GG see **Palevsky HI**

Pietrantoni M see **Carlan SJ**
Pietruk T see **Cho KH**
Pignata C, Budillon G, Monaco G, Nani E, Cuomo R, Parrilli G, Ciccimarra F. Jejunal bacterial overgrowth and intestinal permeability in children with immunodeficiency syndromes. Gut 1990 Aug;31(8):879–82
Pignol B, Hénane S, Sorlin B, Rola-Pleszczynski M, Mencia-Huerta JM, Braquet P. Effect of long-term treatment with platelet-activating factor on IL-1 and IL-2 production by rat spleen cells. J Immunol 1990 Aug 1; 145(3):980–4
Pignone A see **Matucci-Cerinic M**
Pigott TJ, Lowe JS, Morrell K, Kerslake RW. Paraganglioma of the cauda equina. Report of three cases. J Neurosurg 1990 Sep;73(3):455–8
Pihl DL see **Reed SG**
Pihl RO see **Finn PR**
Pike I see **Lowe J**
Pike J. Home care and physician assistants [letter] JAMA 1990 Aug 8;264(6):694
Pilcher JB see **Gonzalez AE**
Pildes RS see **Yeh TF**
Pilkerton AR Jr see **Rubinfeld RS**
Pillai R, Bando K, Schueler S, Zebly M, Reitz BA, Baumgartner WA. Leukocyte depletion results in excellent heart-lung function after 12 hours of storage. Ann Thorac Surg 1990 Aug;50(2):211–4
Pillay PK see **Hassenbusch SJ**
Pillot J see **Bouvet JP**
Pillsbury HC see **Hall JW 3d**
Pillsbury HC see **Prazma J**
Pillsbury HC 3d, Carrasco VN. Revision mastoidectomy. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1019–22 (27 ref.)
Pillsbury HC 3d see **Jones KR**
Pilotti V see **Mattioli S**
Pina JP, Castro Tavares J. Other information from the strain gauge transducer [letter] Anaesthesia 1990 Jul;45(7):602–3
Pinals RS see **Farah MJ**
Pinchas A see **Strasberg B**
Pinchon MC see **Escudier E**
Pincu-Hornstein A see **Darmon E**
Pincus RL, Bukachevsky RP. Medially based horizontal nasolabial flaps for reconstruction of columellar defects. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):973–4
Pincus T, Olsen NJ, Russell IJ, Wolfe F, Harris ER, Schnitzer TJ, Boccagno JA, Krantz SB. Multicenter study of recombinant human erythropoietin in correction of anemia in rheumatoid arthritis. Am J Med 1990 Aug;89(2):161–8
Pineiro L see **Brown RA**
Pinheiro J see **Moya FR**
Pinilla JC, Oleniuk FH, Tan L, Rebeyka I, Tanna N, Wilkinson A, Bharadwaj B. Use of a nasal continuous positive airway pressure mask in the treatment of postoperative atelectasis in aortocoronary bypass surgery. Crit Care Med 1990 Aug;18(8):836–40
Pinkus G see **Licht JD**
Pinto A see **Maio M**
Pinto B see **Vidal F**
Pinto IM see **Kalbfleisch SJ**
Pinto JT, Delman BN, Dutta P, Nisselbaum J. Adriamycin-induced increase in serum aldosterone levels: effects in riboflavin-sufficient and riboflavin-deficient rats. Endocrinology 1990 Sep;127(3):1495–501
Pinto PC see **Akriviadis EA**
Piot P see **De Muylder X**
Pipeleers DG see **De Vroede MA**
Pipilis A, Ormerod O, Tan LB. Operator radiation exposure and cardiac catheterisation route [letter] Lancet 1990 Sep 1;336(8714):567–8
Pipkin FB see **Baker PN**
Pippard MJ see **Earley A**
Piqué JM see **Abdalla S**
Piquet-Pellorce C see **Lebel B**
Piquette GN see **LaPolt PS**
Piraino D, Richmond B, Freed H, Belhobek G, Schils J, Stulberg B. Total knee replacement: radiologic findings in failure of porous-coated metal-backed patellar component. AJR Am J Roentgenol 1990 Sep;155(3):555–8
Pirès R see **Bouvet JP**
Pirkle J see **Carter-Pokras O**
Pirl KG see **Iseki M**
Pirsch JD see **Kalayoglu M**
Pirsch JD see **Kelcz F**
Pison C see **Homsy YL**
Pitchenik AE, Burr J, Laufer M, Miller G, Cacciatore R, Bigler WJ, Witte JJ, Cleary T. Outbreaks of drug-resistant tuberculosis at AIDS centre [letter] Lancet 1990 Aug 18; 336(8712):440–1
Pitetti KH. A reliable isokinetic strength test for arm and leg musculature for mildly mentally retarded adults. Arch Phys Med Rehabil 1990 Aug;71(9):669–72
Pitt B see **Gunnar RM**
Pitt TL see **MacDougall J**
Pittam M see **Ball AB**
Piwnica A see **Kennedy JH**
Pixley FJ see **Wakefield AE**
Pizzo P see **Zanovello P**
Pizzo SV see **Mast AE**
Pizzuti D see **Reid R**
Plancarte R, Amescua C, Patt RB, Aldrete JA. Superior hypogastric plexus block for pelvic cancer pain. Anesthesiology 1990 Aug;73(2):236–9
Plant HJ see **Slevin ML**
Plapp FV see **Thorp JA**
Platt MR see **Estrera AS**
Platts-Mills TA see **Sporik R**
Platz CE see **McLain R**
Pleban P see **Wirth FH Jr**
Plikaytis B see **Moore PS**
Plikaytis B see **Schuchat A**
Ploos van Amstel HK see **Bertina RM**
Plotkin SA. Of underimmunization and underfunding [editorial] Hosp Pract [Off] 1990 Jul 15;25(7):9, 13
Plotnick GD see **Sloan MA**
Plouffe L Jr see **Odom LD**
Pluda JM, Yarchoan R, Jaffe ES, Feuerstein IM, Solomon D, Steinberg SM, Wyvill KM, Raubitschek A, Katz D, Broder S. Development of non-Hodgkin lymphoma in a cohort of patients with severe human immunodeficiency virus (HIV) infection on long-term antiretroviral therapy. Ann Intern Med 1990 Aug 15;113(4):276–82
Pluda JM, Yarchoan R, Smith PD, McAtee N, Shay LE, Oette D, Maha M, Wahl SM, Myers CE, Broder S. Subcutaneous recombinant granulocyte-macrophage colony-stimulating factor used as a single agent and in an alternating regimen with azidothymidine in leukopenic patients with severe human immunodeficiency virus infection. Blood 1990 Aug 1;76(3):463–72
Pluda JM see **Yarchoan R**
Pluhar RE see **Margolis KL**
Plum J, De Smedt M, Leclercq G, Tison B. Inhibitory effect of murine recombinant IL-4 on thymocyte development in fetal thymus organ cultures. J Immunol 1990 Aug 15; 145(4):1066–73
Plumley DA see **Klimberg VS**
Plumley DA see **Souba WW**
Plummer AT see **Kastner T**
Plummer JL see **Owen H**
Plunkett MD see **Anstadt MP**
Plutzky J. On being a physician [letter] Am J Med 1990 Aug;89(2):252
Pluznik DH see **Bickel M**
Pober JS see **Doukas J**
Pochanapring A see **Whitman GJ**
Pocock NA see **Kelly PJ**
Podczaski E see **Misas JE**
Podesta L, Sherman MF, Bonamo JR, Reiter I. Rationale and protocol for postoperative anterior cruciate ligament rehabilitation. Clin Orthop 1990 Aug;(257):262–73 (94 ref.)
Podreka I see **Mayer N**
Podrid PJ, Wilson JS. Should asymptomatic ventricular arrhythmia in patients with congestive heart failure be treated? An antagonist's viewpoint. Am J Cardiol 1990 Aug 15;66(4):451–7 (34 ref.)
Podrid PJ, Fuchs T, Candinas R. Role of the sympathetic nervous system in the genesis of ventricular arrhythmia. Circulation 1990 Aug;82(2 Suppl):I103–13 (123 ref.)
Pogrund H see **Amir D**
Poh-Fitzpatrick MB, Zaider E, Sciales C, Sokol RJ, Tobin CE, Knobler E, Sadick NS, Silverberg M, Levy J. Cutaneous photosensitivity and coproporphyrin abnormalities in the Alagille syndrome. Gastroenterology 1990 Sep;99(3):831–5
Pohl J see **Pereira HA**
Pohlman TH see **Mileski WJ**
Poindexter NJ see **Whiteley PJ**
Poirier J see **Djindjian M**
Poisel S see **Colleselli K**
Poisson R see **Meier FA**
Poka A see **Brumback RJ**
Poka A see **Burgess AR**
Pokras R see **Saftlas AF**
Pol B see **Bourlière M**
Pol S, Driss F, Devergie A, Brechot C, Berthelot P, Gluckman E. Is hepatitis C virus involved in hepatitis-associated aplastic anemia? Ann Intern Med 1990 Sep 15;113(6):435–7
Polacarz S see **Rogers TK**
Polak M, Scharfmann R, Ban E, Haour F, Postel-Vinay MC, Czernichow P. Demonstration of lactogenic receptors in rat endocrine pancreases by quantitative autoradiography. Diabetes 1990 Sep;39(9):1045–9
Polanco N see **O'Daly JA**
Poland GA see **Margolis KL**
Poland GA see **Nichol KL**
Polednak AP. Mortality from diabetes mellitus, ischemic heart disease, and cerebrovascular disease among blacks in a higher income area. Public Health Rep 1990 Jul-Aug; 105(4):393–9
Poletti G see **Poletti V**
Poletti V see **Agostini C**
Poletti V, Patelli M, Poletti G, Bertanti T, Spiga L. Diffuse panbronchiolitis observed in an Italian [letter] Chest 1990 Aug;98(2):515–6
Poli G see **Stanley SK**
Polk BF see **Harger JH**
Polk D see **Taeusch HW**
Polk HC Jr see **Cryer HG**
Polk HC Jr see **Cué JI**
Polkey CE. Surgical treatment of epilepsy. Lancet 1990 Sep 1;336(8714):553–5
Polkowski J, Crowley MS, Moore AM, Calder RA. Unintentional methyl bromide gas release Florida, 1988. J Toxicol Clin Toxicol 1990;28(1):127–30
Pollack CV Jr, Pollack SB. Injury Severity Scores in desert recreational all-terrain vehicle trauma. J Trauma 1990 Jul; 30(7):888–92
Pollack H see **Leibovitz E**
Pollack MS see **Goldstein R**
Pollack S see **Mayerhoff DI**
Pollack S see **Nel AE**
Pollack SB see **Pollack CV Jr**
Pollak H, Mayr H, Binder T, Imhof H, Mühlbauer T, Glogar D. Diagnosis of a false left ventricular aneurysm with magnetic resonance imaging. Am Heart J 1990 Sep; 120(3):706–8
Pollard CA see **Hassan R**
Pollard SG, Marks PV, Temple LN, Thompson HH. Breast sarcoma. A clinicopathologic review of 25 cases. Cancer 1990 Sep 1;66(5):941–4
Pollard SG see **Everett WG**
Polley TZ see **Young W**
Pollock B see **Remington GJ**
Pollock RE see **Roh MS**
Polonovski JM, Contencin P, Francois M, Viala P, Narcy P. Aryepiglottic fold excision for the treatment of severe laryngomalacia. Ann Otol Rhinol Laryngol 1990 Aug; 99(8):625–7
Polonsky KS see **O'Meara NM**
Polosa R, Finnerty JP, Holgate ST. Tachyphylaxis to inhaled histamine in asthma: its significance and relationship to basal airway responsiveness. J Allergy Clin Immunol 1990 Aug;86(2):265–71
Polte T see **Graber N**
Polu JM see **Lesur O**
Polydorou AA see **Dowsett JF**
Pölzleitner D see **Schurawitzki H**
Poma AG see **Massimo CG**
Ponce de León A see **López-Vidal Y**
Ponchia A see **Scognamiglio R**
Poncz M see **Williams AG**
Pond-Smith D, Jennings G, Funk K, Latif LA. Alternative revenue sources for school foodservice: a survey of school food and nutrition services. J Am Diet Assoc 1990 Aug; 90(8):1103–4
Pons Romera F see **Casafont F**
Ponsot G see **Mayer JM**
Ponte P, Katz SM, Falkner B. Beckwith-Wiedemann syndrome. Renal pathology at 4 months of age. Clin Pediatr (Phila) 1990 Jul;29(7):393–7
Pontes JE see **Angermeier KW**
Pontes JE see **Trindade JC**
Pontin AR see **Kahn D**
Ponzalli M see **Massimo CG**
Pool MO, Gans RO, Donker AJ. Treatment of intractable chyluria by stripping of the kidneys [letter] N Engl J Med 1990 Aug 23;323(8):552–3
Poole JE, Mathisen TL, Kudenchuk PJ, McAnulty JH, Swerdlow CD, Bardy GH, Greene HL. Long-term outcome in patients who survive out of hospital ventricular fibrillation and undergo electrophysiologic studies: evaluation by electrophysiologic subgroups [see comments] J Am Coll Cardiol 1990 Sep;16(3):657–65. Comment in: J Am Coll Cardiol 1990 Sep;16(3):756–62.
Poole-Wilson PA. Future perspectives in the management of congestive heart failure. Am J Cardiol 1990 Aug 15; 66(4):462–7 (33 ref.)
Pope HG Jr, Ionescu-Pioggia M, Aizley HG, Varma DK. Drug use and life style among college undergraduates in 1989: a comparison with 1969 and 1978. Am J Psychiatry 1990 Aug;147(8):998–1001
Popic PM see **Mixter RC**
Porchet HC, Dayer P. Serum concentrations and effects of (+/-)-nicardipine compared with nifedipine in a population of healthy subjects. Clin Pharmacol Ther 1990 Aug;48(2):155–60
Pories WJ see **Dohm GL**
Porreco RP, Bloch CA. Fetal blood sampling in the management of intrauterine thyrotoxicosis. Obstet Gynecol 1990 Sep;76(3 Pt 2):509–12
Porro GB, Petrillo M, Ardizzone S. Cyclosporin treatment for severe active ulcerative colitis [letter] Lancet 1990 Aug 18;336(8712):439
Port JD see **Bristow MR**
Porter B. "Abandoned" parents. Loss of traditional family support systems. A challenge for health professionals. Clin Pediatr (Phila) 1990 Jul;29(7):401–4
Porter KA, Henson J, Chong FK. Perforated gastrointestinal tuberculosis [letter] Dig Dis Sci 1990 Aug;35(8):1046–8
Porter RJ see **Brodie MJ**
Porter RJ. New antiepileptic agents: strategies for drug development. Lancet 1990 Aug 18;336(8712):423–4
Porter T, Lenhart M, Arrowood J, Moskowitz W, Paulsen W, Lofland G, Nixon JV. Dissecting aortic aneurysm eight years after aortic commissurotomy for congenital aortic stenosis: detailed identification by transesophageal echocardiography. Am Heart J 1990 Sep;120(3):716–8
Portmann B see **Sokal EM**
Porzsolt F see **Freund MR**
Posner K see **Kroll DA**
Posnick JC, Zimbler AG, Grossman JA. Normal cutaneous sensibility of the face. Plast Reconstr Surg 1990 Sep; 86(3):429–33; discussion 434–5
Poss R see **Wright J**
Postel-Vinay MC see **Polak M**
Poster RB, Jones DB, Spirt BA. Percutaneous pediatric renal biopsy: use of the biopsy gun [see comments]

Radiology 1990 Sep;176(3):725–7. Comment in: Radiology 1990 Sep;176(3):615–6.
Postmus PE see **Dofferhoff AS**
Poston GJ, Gillespie J. Effects of somatostatin analogue SMS 201-995 [letter] Br J Surg 1990 Jun;77(6):714–5
Pothier B see **Morlé L**
Potter GB see **Gabig TG**
Potter L see **Keating MA**
Potter R see **Ben-Tovim DI**
Potts NL see **Ben-Tovim DI**
Potts WA see **Gibson JJ**
Potulski F see **Malasky C**
Pouchot J, Vinceneux P, Barge J, Laparre F, Boussougant Y, Michon C. Tuberculous polymyositis in HIV infection [letter] Am J Med 1990 Aug;89(2):250–1
Pouleur H, Hanet C, Rousseau MF, van Eyll C. Relation of diastolic function and exercise capacity in ischemic left ventricular dysfunction. Role of beta-agonists and beta-antagonists. Circulation 1990 Aug;82(2 Suppl):I89–96
Poulin de Courval L, Barsauskas A, Berenbaum B, Dehaut F, Dussault R, Fontaine FS, Labrecque R, Leclerc C, Giroux F. Painful shoulder in the hemiplegic and unilateral neglect. Arch Phys Med Rehabil 1990 Aug;71(9):673–8
Poulter N see **Shahi M**
Pounder RE see **Smith JT**
Pourdihimi Zolnouni P see **Cutler NR**
Pousette A see **Stege R**
Poussier P see **Métroz-Dayer MD**
Povey MS see **Arredondo-Vega FX**
Powell C see **Smith LG Jr**
Powell H, Beechey AP. Internal jugular catheterisation. Case report of a potentially fatal hazard. Anaesthesia 1990 Jun; 45(6):458–9
Powell H, Smallman JM, Morgan M. Comparison of intramuscular ketorolac and morphine in pain control after laparotomy. Anaesthesia 1990 Jul;45(7):538–42
Powell WJ, Danielson JR. Facial nerve palsy in the newborn [letter] Plast Reconstr Surg 1990 Sep;86(3):609–10
Power C see **Ward K**
Power JA see **Fall LH**
Powers TA see **Nance EP Jr**
Poynard T, Cales P, Pasta L, Pagliaro L, Ideo G, Lebrec D. beta-blockers and variceal haemorrhage [letter] Lancet 1990 Aug 25;336(8713):506
Poythress NG Jr. Avoiding negligent release: contemporary clinical and risk management strategies. Am J Psychiatry 1990 Aug;147(8):994–7
Pozio E see **Bruschi F**
Pozniak MA see **Kelcz F**
Prados MD see **Pachon J**
Prakash A see **Venkataseshan VS**
Prakash C see **Marshall BJ**
Prakash R. Simple schizophrenia not so simple [letter] Am J Psychiatry 1990 Aug;147(8):1108–9
Prassopoulos P see **Gourtsoyiannis N**
Prat J see **Matias-Guiu X**
Pratt CB see **Pui CH**
Pratt WF see **Mosher WD**
Pray MG see **Mauxion F**
Prazma J, Carrasco VN, Butler B, Waters G, Anderson T, Pillsbury HC. Cochlear microcirculation in young and old gerbils. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):932–6
Predieri G see **Aggazzotti G**
Preffer FI see **Cosimi AB**
Prellner K, Harsten G, Löfgren B, Christenson B, Heldrup J. Responses to rubella, tetanus, and diphtheria vaccines in otitis-prone and non-otitis-prone children. Ann Otol Rhinol Laryngol 1990 Aug;99(8):628–32
Prendergast CM see **Page JE**
Prentice FD see **Fischer RP**
Prentice M see **David LA**
Presberg K see **Yanos J**
Presenti LF see **Massimo CG**
Presta E see **Katzeff HL**
Preston FE see **Ball J**
Preston TD see **Sinclair L**
Prezant DJ see **Multz AS**
Pribble CG, Black PG, Bosso JA, Turner RB. Clinical manifestations of exacerbations of cystic fibrosis associated with nonbacterial infections. J Pediatr 1990 Aug;117(2 Pt 1):200–4
Price CP see **Hinton RJ**
Price L see **Skinner R**
Price M see **Hoffman WY**
Price R see **Levine J**
Priddle JD see **Mantzaris GJ**
Pridham KF. Feeding behavior of 6- to 12-month-old infants: assessment and sources of parental information. J Pediatr 1990 Aug;117(2 Pt 2):S174–80
Pridjian AK see **Zweng TN**
Prieto González A see **Parrilla Paricio P**
Priluck IA see **Lynch HT**
Primavesi RJ see **Moss GD**
Primi D see **Zanetti AR**
Prinz PN, Vitiello MV, Raskind MA, Thorpy MJ. Geriatrics: sleep disorders and aging. N Engl J Med 1990 Aug 23; 323(8):520–6 (80 ref.)
Prior A, Colgan SM, Whorwell PJ. Changes in rectal sensitivity after hypnotherapy in patients with irritable bowel syndrome. Gut 1990 Aug;31(8):896–8
Pritchard D see **Cangir A**
Pritchard JA see **Cunningham FG**
Pritchard JA see **Maberry MC**
Pritchard JR see **Choi CH**
Procopio M see **Ghigo E**
Proctor BD see **Meacham TD**
Propping P see **Nöthen M**
Prosnitz LR see **Lavey RS**
Prothro D see **Brown J**
Prou O see **Dubarry M**
Prou O see **Lefrère JJ**
Proud D see **Bascom R**
Provencher DM see **Rubin SC**
Provoost AP, De Keijzer MH, Molenaar JC. The effect of protein intake on the lifelong changes in renal function of rats with a solitary kidney damaged at young age. J Urol 1990 Aug;144(2 Pt 2):567–73; discussion 593–4
Pruett RC see **Seery CM**
Pruitt BA Jr see **Chu CS**
Pruitt BA Jr see **Waymack JP**
Pruvot FR see **Ribet ME**
Pruzzo C see **Davanzo H**
Pryor D see **Ohman EM**
Pryor DB see **Honan MB**
Pryzwansky KB, Wyatt TA, Nichols H, Lincoln TM. Compartmentalization of cyclic GMP-dependent protein kinase in formyl-peptide stimulated neutrophils. Blood 1990 Aug 1;76(3):612–8
Przewlocki G see **Leclerc C**
Psallidopoulos MC see **Schnittman SM**
Psihramis KE see **Abara E**
Puccio C see **Mittelman A**
Puchois P, Ghalim N, Zylberberg G, Fievet P, Demarquilly C, Fruchart JC. Effect of alcohol intake on human apolipoprotein A-I-containing lipoprotein subfractions. Arch Intern Med 1990 Aug;150(8):1638–41
Puente R see **Diaz M**
Pugatch RD see **Shaffer K**
Pui CH, Carroll AJ, Head D, Raimondi SC, Shuster JJ, Crist WM, Link MP, Borowitz MJ, Behm FG, Land VJ, et al. Near-triploid and near-tetraploid acute lymphoblastic leukemia of childhood. Blood 1990 Aug 1;76(3):590–6
Pui CH, Hancock ML, Raimondi SC, Head DR, Thompson E, Wilimas J, Kun LE, Bowman LC, Crist WM, Pratt CB. Myeloid neoplasia in children treated for solid tumours. Lancet 1990 Aug 18;336(8712):417–21
Pujadas J see **Monso E**
Pujol F see **Lafuente A**
Pujol H see **Domergue J**
Pukkala E see **Karjalainen S**
Puleo PR see **O'Neill PG**
Pulford KA see **Pezzella F**
Puliafito CA see **Schuman JS**
Pulido JS see **McCarthy MJ**
Pulido R see **Cardenas L**
Pullen JK see **Hunt HD**
Pullig O see **Weber M**
Pun WK, Chow SP, Luk KD, Cheng CL, Hsu LC, Leong JC. Tuberculosis of the lumbosacral junction. Long-term follow-up of 26 cases. J Bone Joint Surg [Br] 1990 Jul; 72(4):675–8
Punch MR, Ansbacher R. Autogenic masculinization. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):114–6
Pupita G, Maseri A, Kaski JC, Galassi AR, Gavrielides S, Davies G, Crea F. Myocardial ischemia caused by distal coronary-artery constriction in stable angina pectoris. N Engl J Med 1990 Aug 23;323(8):514–20
Purcell KG, Spencer LV, Simpson PM, Helman SW, Oldfather JW, Fowler JF Jr. HLA antigens in lichen sclerosus et atrophicus. Arch Dermatol 1990 Aug;126(8):1043–5 (17 ref.)
Purcell RH see **Kaneko S**
Purdue BN see **Padgham ND**
Purnomo see **Riberu WA**
Purvis JD see **Barlogie B**
Purvis JR, Lawler FH, Paris JA, Horner RD. Appropriate charging for professional fees by academic physicians. Acad Med 1990 Jun;65(6):423
Putensen C, Mutz N, Himmer G, Neumann M, Waibel U, Putz G, Braunsberger B, Oberladstätter M. Gamma scintigraphic imaging of lung microvascular permeability in adult respiratory distress syndrome. Crit Care Med 1990 Aug;18(8):807–12
Putnam FW see **Demitrack MA**
Putten A see **Salle JL**
Putterman AM. Botulinum toxin injections in the treatment of seventh nerve misdirection. Am J Ophthalmol 1990 Aug 15;110(2):205–6
Putz G see **Putensen C**
Puukka P see **Lindholm T**
Pye G, Jackson J, Thomas WM, Hardcastle JD. Comparison of Coloscreen Self-Test and Haemoccult faecal occult blood tests in the detection of colorectal cancer in symptomatic patients. Br J Surg 1990 Jun;77(6):630–1
Pyles L see **Spevak PJ**
Pylypchuk GB see **Baltzan MA**
Pyne A see **Armitage JM**
Pyrcz RA, Carlson BA. Lasers in podiatry and orthopedics. Nurs Clin North Am 1990 Sep;25(3):719–23
Pyrhönen S see **Mäkinen L**

Q

Qiu XX see **Liu BX**
Quade D see **Ekstrom D**
Quaife CJ see **Behringer RR**
Quaife EJ, Banner W Jr, Vernon DD, Christensen DW. Failure of CAVH to remove digoxin-Fab complex in piglets. J Toxicol Clin Toxicol 1990;28(1):61–8
Quan J see **Bruno P**
Quan SF see **Grad R**
Quantrill AM see **Padel AF**
Queiroz DM, Cabral MM, Nogueira AM, Barbosa AJ, Rocha GA, Mendes EN. Mixed gastric infection by Gastrospirillum hominis and Helicobacter pylori [letter] Lancet 1990 Aug 25;336(8713):507–8
Quideau N see **Saulnier-Blache JS**
Quillen JE, Sellke FW, Brooks LA, Harrison DG. Ischemia-reperfusion impairs endothelium-dependent relaxation of coronary microvessels but does not affect large arteries. Circulation 1990 Aug;82(2):586–94
Quin JD, MacCuish AC, Gordon D. Proliferative retinopathy with growth hormone deficiency and diabetes mellitus [letter] BMJ 1990 Jun 16;300(6739):1586–7
Quinlan DM see **Walsh PC**
Quinlan PM, Elman MJ, Bhatt AK, Mardesich P, Enger C. The natural course of central retinal vein occlusion. Am J Ophthalmol 1990 Aug 15;110(2):118–23
Quinn JP see **Weber DA**
Quinn SJ, Enyedi P, Tillotson DL, Williams GH. Cytosolic calcium and aldosterone response patterns of rat adrenal glomerulosa cells stimulated by vasopressin: comparison with angiotensin II. Endocrinology 1990 Aug;127(2):541–8
Quinn TC see **Kelen GD**
Quinn VP see **Ershoff DH**
Quinones MA see **Feinstein SB**
Quint LE see **Rifkin MD**
Quirke P see **Jackson DP**
Quismorio FP Jr see **Linker-Israeli M**
Quitt M, Froom P, Veisler A, Falber V, Sova J, Aghai E. The effect of desmopressin on massive gastrointestinal bleeding in hereditary telangiectasia unresponsive to treatment with cryoprecipitate. Arch Intern Med 1990 Aug;150(8):1744–6
Quitt M see **Froom P**
Qureshi SA see **Ladusans EJ**
Quyyumi AA. Circadian rhythms in cardiovascular disease. Am Heart J 1990 Sep;120(3):726–33

R

Raab CA see **Hadlett HM**
Raad I see **Singh VR**
Raanan MG see **Gimbel HV**
Raaymakers EL see **Marti RK**
Rabinowitz B see **Wapnir IL**
Rabinowitz R see **Sheinfeld J**
Rabkin CS, Goedert JJ. Risk of non-Hodgkin lymphoma and Kaposi's sarcoma in homosexual men [letter] Lancet 1990 Jul 28;336(8709):248–9
Raccuia JS see **Adkins MS**
Raccuia S see **Pecoraro JP**
Rachelefsky GS see **Mahan C**
Rachmilewitz D see **Ligumsky M**
Rackow EC see **Weil MH**
Rader JS, Binette SP, Brandt TD, Sreekanth S, Chhablani A. Ileal hemorrhage caused by a parasitic uterine leiomyoma. Obstet Gynecol 1990 Sep;76(3 Pt 2):531–4
Radford M see **Barrett A**
Radich JP, Kopecky KJ, Willman CL, Weick J, Head D, Appelbaum F, Collins SJ. N-ras mutations in adult de novo acute myelogenous leukemia: prevalence and clinical significance. Blood 1990 Aug 15;76(4):801–7
Rädö G see **Giesecke J**
Radominska A see **Zimniak P**
Radomsky M see **Passmore D**
Radovancevic B see **Lammermeier DE**
Radovsky A see **Tisherman SA**
Radtke RA see **Heinz ER**
Rae MJ see **MaWhinney WH**
Rae T see **Ali MS**
Rafal RD, Friedman JH. Rostral basilar reversible ischemic neurologic deficit in an HIV-infected patient with cryptococcal meningitis [letter] Am J Med 1990 Aug; 89(2):248–9
Raff H, Kohandarvish S. The effect of oxygen on aldosterone release from bovine adrenocortical cells in vitro: PO2 versus steroidogenesis. Endocrinology 1990 Aug; 127(2):682–7
Raff MJ see **Belker AM**
Raffeld M see **van Krieken JH**
Rafferty C, Burke AM, Cossar DF, Farling PA. Laryngeal mask and magnetic resonance imaging [letter] Anaesthesia 1990 Jul;45(7):590–1
Raffle AE, Cooper C. Bone density screening for osteoporosis [letter] Lancet 1990 Jul 28;336(8709):242
Rafflenbeul W see **Gulba DC**
Ragab A see **Crist W**
Ragan JA. Lasers in gastroenterology. Nurs Clin North Am 1990 Sep;25(3):685–96 (10 ref.)
Raghoebier S see **van Krieken JH**
Raghunath J see **Kreek MJ**

Ragni MV see **Dew MA**
Ragonese P see **Ferrazza A**
Rahaman S see **Clemens JD**
Rahier J see **Sokal EM**
Rahimtoola SH. Vasodilator therapy in chronic severe aortic regurgitation [comment] J Am Coll Cardiol 1990 Aug; 16(2):430–2 (13 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):424–9.
Rahimtoola SH see **Kulick DL**
Rahimtoola SH see **Rashtian MY**
Raimondi SC see **Pui CH**
Rainguet S see **Rector WG Jr**
Rainwater LM, Morgan WR, Klee GG, Zincke H. Prostate-specific antigen testing in untreated and treated prostatic adenocarcinoma. Mayo Clin Proc 1990 Aug; 65(8):1118–26 (56 ref.)
Raizman MB, Austen KF, Katz HR. Mast cell heterogeneity. Differential synthesis and expression of glycosphingolipids by mouse serosal mast cells as compared to IL-3-dependent bone marrow culture-derived mast cells before or after coculture with 3T3 fibroblasts. J Immunol 1990 Sep 1; 145(5):1463–8
Raizner AE see **Jeroudi MO**
Raizner AE see **Kleiman NS**
Raizner AE see **Rodgers GP**
Rajabi MR, Dean DD, Woessner JF Jr. Changes in active and latent collagenase in human placenta around the time of parturition. Am J Obstet Gynecol 1990 Aug; 163(2):499–505
Rajaii-Khorasani A see **Fogel RI**
Rajan TV, Moffat LF, Frankel WN. Rate and mechanism of generation of beta 2-microglobulin mutants from a heterozygous murine cell line. J Immunol 1990 Sep 1; 145(5):1598–602
Rajaniemi HJ see **Lakkakorpi JT**
Rajendran V see **al Kasab SM**
Rajfer J see **Pascual JA**
Rajfer SI, Davis FR. Role of dopamine receptors and the utility of dopamine agonists in heart failure. Circulation 1990 Aug;82(2 Suppl):I97–102 (77 ref.)
Raju KG, Unnykrishnan P, Nayar RC, Dutt S, Macaden R. Reliability of conventional ear swabs in tubotympanic CSOM. J Laryngol Otol 1990 Jun;104(6):460–2
Raju MS see **Dohm GL**
Rakotoarivony I see **Fontenille D**
Rakusan S see **Bauer K**
Ralls PW. Color Doppler sonography of the hepatic artery and portal venous system. AJR Am J Roentgenol 1990 Sep;155(3):517–25
Ralph P see **Nakoinz I**
Ramadan AA see **Abdel Gadir AA**
Ramakantan R see **Shah P**
Ramakrishnan L, Wu Q, Yue A, Cooper MD, Rosenberg N. BP-1/6C3 expression defines a differentiation stage of transformed pre-B cells and is not related to malignant potential. J Immunol 1990 Sep 1;145(5):1603–8
Ramakrishnan R see **Goldberg IJ**
Ramakrishnan R see **Kashyap S**
Ramamurthy S, Hickey R, Maytorena A, Hoffman J, Kalantri A. Long thoracic nerve block. Anesth Analg 1990 Aug; 71(2):197–9
Raman R see **Francis P**
Rambaud JC see **Beaugerie L**
Rambaud JC see **Flourié B**
Ramilo O see **Mustafa MM**
Ramin SM see **Maberry MC**
Ramirez OM, Ruas E, Dellon AL. "Components separation" method for closure of abdominal-wall defects: an anatomic and clinical study. Plast Reconstr Surg 1990 Sep; 86(3):519–26
Ramirez-Bosca A, Kanitakis J, Thivolet J. Cyclosporin A exerts a cytostatic effect in vivo on human and murine epithelial cells. Cancer 1990 Sep 1;66(5):936–40
Ramos A see **López-Vidal Y**
Ramos DJ see **Wolfort FG**
Ramos IM see **Kier R**
Rampil IJ see **Weiskopf RB**
Ramsay NK see **Weisdorf DJ**
Ramsden RT see **Saeed SR**
Ramsewak SS, Sargeant SD, Anderson E, Cooke ID. Development of a modified bivalve speculum for donor insemination. Br J Obstet Gynaecol 1990 May;97(5):455–6
Ramsey D see **Kellner CH**
Ramsey PG see **Dugdale DC**
Ramsey-Goldman R see **Kahl LE**
Ramstedt K see **Giesecke J**
Randall T. Domestic violence intervention calls for more than treating injuries [news] JAMA 1990 Aug 22–29; 264(8):939–40
Randall T. New antirejection drugs anticipated [news] JAMA 1990 Sep 12;264(10):1225
Randall T. Domestic violence begets other problems of which physicians must be aware to be effective [news] JAMA 1990 Aug 22–29;264(8):940, 943–4
Randall T. New guidelines expected in 1991 for relationship of continuing education, financial support [news] JAMA 1990 Sep 5;264(9):1080
Randalls PB see **Muir JD**
Randolph C. Cromolyn versus theophylline for treatment of asthma [letter] J Pediatr 1990 Aug;117(2 Pt 1):339–40
Randolph JG see **Anderson KD**
Randolph MF see **Gerber MA**
Rangel MC see **Trindade JC**
Ranger S see **Nattel S**
Ranin J see **Mavra M**
Rankin S see **Reves JG**
Rankin SE see **Jayo MJ**
Ransford AO see **Crockard HA**
Ransley PG, Dhillon HK, Gordon I, Duffy PG, Dillon MJ, Barratt TM. The postnatal management of hydronephrosis diagnosed by prenatal ultrasound. J Urol 1990 Aug;144(2 Pt 2):584–7; discussion 593–4
Ransohoff DF see **Horwitz RI**
Rao BR see **Slotman BJ**
Rao G see **Rao NV**
Rao M see **Clemens JD**
Rao NA see **Dugel PU**
Rao NS see **Dandy DJ**
Rao NV, Kennedy TP, Rao G, Ky N, Hoidal JR. Sulfated polysaccharides prevent human leukocyte elastase-induced acute lung injury and emphysema in hamsters. Am Rev Respir Dis 1990 Aug;142(2):407–12
Rapaport E see **Gunnar RM**
Rapheal M see **Stevens JM**
Rapoport B see **Chazenbalk GD**
Rapoport B see **Nagayama Y**
Rapoport JL. Treatment of behavioral disorders in animals [letter] Am J Psychiatry 1990 Sep;147(9):1249
Rapoport SI. Blood-brain barrier disruption in brain-tumor therapy [letter] J Neurosurg 1990 Sep;73(3):475–7
Rappaport R see **Pierre-Kahn A**
Raroque HG Jr, Mandler RN, Griffey MS, Orrison WW, Kornfeld M. Neoplastic angioendotheliomatosis. Arch Neurol 1990 Aug;47(8):929–30
Rascol A see **Rascol O**
Rascol O, Senard JM, Rascol A, Montastruc JL. Apomorphine test in parkinsonian syndromes [letter] Lancet 1990 Aug 25;336(8713):518
Rashtian MY, Stevenson DM, Allen DT, Yoganathan AP, Harrison EC, Edmiston WA, Rahimtoola SH. Flow characteristics of bioprosthetic heart valves. Chest 1990 Aug;98(2):365–75
Raskind MA see **Prinz PN**
Rasmussen H see **Bollag WB**
Rasmussen R see **Bristow MR**
Rasmussen W see **Ballas ZK**
Rasmusson B see **Helweg-Larsen S**
Rasool MN see **Hoosen AA**
Rastogi A see **Yeh TF**
Rastogi S, Atkinson JL, McCarthy JT. Allergic nephropathy associated with ciprofloxacin. Mayo Clin Proc 1990 Jul; 65(7):987–9
Raszewski R see **Guyuron B**
Rat S see **Strasberg B**
Ratcliffe MB see **Bavaria JE**
Rathbone BJ see **Hirschl AM**
Rathbone BJ see **Shallcross TM**
Rathe R. Computerized medical record [letter] J Fam Pract 1990 Aug;31(2):121
Ratinoff M see **Ferreria JL**
Ratka A, Simpkins JW. A modulatory role for luteinizing hormone-releasing hormone in nociceptive responses of female rats. Endocrinology 1990 Aug;127(2):667–73
Ratliff JE see **Katz PG**
Ratliff TL see **Coplen DE**
Ratner PH see **Meltzer EO**
Ratsch IM see **Catassi C**
Rattan S see **Yamato S**
Raub W. From the National Institutes of Health. JAMA 1990 Sep 5;264(9):1086
Raubitschek A see **Pluda JM**
Rauch AM, O'Ryan M, Van R, Pickering LK. Invasive disease due to multiply resistant Streptococcus pneumoniae in a Houston, Tex, day-care center. Am J Dis Child 1990 Aug; 144(8):923–7
Rault M see **Labrune P**
Rautaharju PM see **Kornreich F**
Rautonen J see **Mäkinen L**
Ravdin JI, Jackson TF, Petri WA Jr, Murphy CF, Ungar BL, Gathiram V, Skilogiannis J, Simjee AE. Association of serum antibodies to adherence lectin with invasive amebiasis and asymptomatic infection with pathogenic Entamoeba histolytica. J Infect Dis 1990 Sep;162(3):768–72
Raves JJ see **Fox KR**
Raviglione MC. Machiavelli and the chief resident. Acad Med 1990 Jun;65(6):361–2
Ravisse P see **Develoux M**
Rawle P. Cannulation of the posterior tibial artery [letter] Anaesthesia 1990 Jul;45(7):589–90
Ray CG see **Grad R**
Ray PA see **Picard MH**
Ray R, Matsuoka Y, Burnett TL, Glaze BJ, Compans RW. Human parainfluenza virus induces a type-specific protective immune response. J Infect Dis 1990 Sep; 162(3):746–9
Raya TE see **Litwin SE**
Raybould D see **Khoury GF**
Razquin S see **Coma del Corral MJ**
Razzuk MA see **Urschel HC Jr**
Rea HH see **Pattemore PK**
Rea LM see **Crone LA**
Read C see **Deane SA**
Read J. Read clinical classification [letter] BMJ 1990 Jul 7; 301(6742):45
Read MD see **Bigrigg MA**
Read MS, Dye DJ. Painful onset of intrathecal blockade. Anaesthesia 1990 Jun;45(6):460–1
Read NW see **MacDonagh RP**
Readett DR, Morris J, Serjeant GR. Determinants of nocturnal enuresis in homozygous sickle cell disease. Arch Dis Child 1990 Jun;65(6):615–8
Realdi G see **Bortolotti F**
Reale FR see **Rose PG**
Reay DT see **Eddy AC**
Reber HA see **Singh SM**
Rebeyka I see **Pinilla JC**
Rebeyka IM, Hanan SA, Borges MR, Lee KF, Yeh T Jr, Tuchy GE, Abd-Elfattah AS, Williams WG, Wechsler AS. Rapid cooling contracture of the myocardium. The adverse effect of prearrest cardiac hypothermia. J Thorac Cardiovasc Surg 1990 Aug;100(2):240–9
Rebuck AS see **Katz I**
Rebuffat E see **Kahn A**
Rech S see **Chatwani A**
Rechtschaffen A see **Balzano S**
Recondo G see **Tellez-Bernal E**
Rector WG Jr, Adair O, Hossack KF, Rainguet S. Atrial volume in cirrhosis: relationship to blood volume and plasma concentration of atrial natriuretic factor. Gastroenterology 1990 Sep;99(3):766–70
Reda E see **Gill B**
Reda E see **Kogan SJ**
Redalieu E see **Feliciano NR**
Redd RM see **Janosik DL**
Reddington J see **Shaw FE Jr**
Reddy DJ, Ryan CJ, Shepard AD, Johnson CC, Elliott JP Jr, Smith RF, Ernst CB. Intraoperative autotransfusion in vascular surgery. Arch Surg 1990 Aug;125(8):1012–5; discussion 1015–6
Reddy G see **Osler TM**
Reddy KR, Schiff ER. Hepatitis and augmentin [letter] Dig Dis Sci 1990 Aug;35(8):1045–6
Reddy S see **Khan TJ**
Reddy VV see **Hopper KD**
Reder VA see **Eagle KA**
Redlich CA, West AB, Fleming L, True LD, Cullen MR, Riely CA. Clinical and pathological characteristics of hepatotoxicity associated with occupational exposure to dimethylformamide. Gastroenterology 1990 Sep; 99(3):748–57
Redman CW. Platelets and the beginnings of preeclampsia [editorial; comment] N Engl J Med 1990 Aug 16; 323(7):478–80. Comment on: N Engl J Med 1990 Aug 16;323(7):434–8.
Redman HC see **Baker HL Jr**
Redmond J see **Hargis JB**
Redmond ML see **Watters JM**
Reece EA, Gabrielli S, Cullen MT, Zheng XZ, Hobbins JC, Harris EN. Recurrent adverse pregnancy outcome and antiphospholipid antibodies. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):162–9 (69 ref.)
Reece RM. Unusual manifestations of child abuse. Pediatr Clin North Am 1990 Aug;37(4):905–21 (32 ref.)
Reed BD, Huck W, French T. Diagnosis of group A beta-hemolytic Streptococcus using clinical scoring criteria, Directigen 1-2-3 group A streptococcal test, and culture. Arch Intern Med 1990 Aug;150(8):1727–32
Reed CE. Occupational asthma in the egg processing industry [editorial; comment] Chest 1990 Aug;98(2):261–2. Comment on: Chest 1990 Aug;98(2):398–404.
Reed E see **Wasfie T**
Reed K see **Remington GJ**
Reed M, Taylor B, Myers SI. The effect of hypoxia on angiotensin-stimulated release of PGI2 from the splanchnic bed. J Trauma 1990 Aug;30(8):993–8; discussion 998–9
Reed MW, Wegstapel H, Johnson AG. Endoluminal ultrasound for early detection of local recurrence of rectal cancer [letter] Br J Surg 1990 Jun;77(6):716
Reed RL 2d see **Fischer RP**
Reed SG, Grabstein KH, Pihl DL, Morrissey PJ. Recombinant granulocyte-macrophage colony-stimulating factor restores deficient immune responses in mice with chronic Trypanosoma cruzi infections. J Immunol 1990 Sep 1;145(5):1564–70
Reed WD see **Jeffrey GP**
Reeder GS see **Bell MR**
Rees DG see **Moorthy B**
Rees JM. Management of obesity in adolescence. Med Clin North Am 1990 Sep;74(5):1275–92 (83 ref.)
Reeve JR Jr see **Turkelson CM**
Reeves DS see **MacGowen AP**
Reeves TJ see **Gunnar RM**
Refetoff S see **Balzano S**
Regan CJ, Snowdon SL, Campbell IT. Laboratory evaluation and use of the Engström metabolic computer in the clinical setting. Crit Care Med 1990 Aug;18(8):871–7
Regan PF. The nursing shortage: dynamics and solutions. The three R's: recruitment, restructuring the environment, and reformulating the curriculum. Nurs Clin North Am 1990 Sep;25(3):517–24
Regelson W, Loria R, Kalimi M. Beyond 'abortion': RU-486 and the needs of the crisis constituency. JAMA 1990 Aug 22–29;264(8):1026–7
Reggiardo Z see **Chan SL**
Reggio H see **Machy P**
Regitz V, Bossaller C, Strasser R, Schüler S, Hetzer R, Fleck

E. Myocardial catecholamine content after heart transplantation [see comments] Circulation 1990 Aug; 82(2):620–3. Comment in: Circulation 1990 Aug;82(2):658–60.
Rehberg H see **Fisher EB Jr**
Rehfeld JF see **Schalling M**
Rehpenning W see **Meissner K**
Rehse MA see **Ernst DN**
Reichard BA see **Yamada M**
Reichek N see **Gefter WB**
Reichen J see **Cotting J**
Reichenberger H see **Schneider S**
Reichert LE Jr see **Grasso P**
Reichlin M see **Fujisaku A**
Reichlin M see **Goldstein R**
Reichman BS see **Rubin SC**
Reichman LB. Compliance with zidovudine therapy [letter] Ann Intern Med 1990 Aug 15;113(4):332–3
Reichman LB see **Malasky C**
Reid E see **Tarnow-Mordi W**
Reid IA see **Hreash F**
Reid KR, McKenzie FN, Menkis AH, Novick RJ, Pflugfelder PW, Kostuk WJ, Ahmad D. Importance of chronic aspiration in recipients of heart-lung transplants. Lancet 1990 Jul 28;336(8709):206–8
Reid N see **Rhee KJ**
Reid R, Greenberg MD, Lörincz AT, Daoud Y, Pizzuti D, Stoler M. Superficial laser vulvectomy. IV. Extended laser vaporization and adjunctive 5-fluorouracil therapy of human papillomavirus-associated vulvar disease. Obstet Gynecol 1990 Sep;76(3 Pt 1):439–48
Reid RA see **Fedson DS**
Reid RE see **Luo J**
Reidenberg MM see **Notterman DA**
Reidy M see **Ferns G**
Reidy WT see **Schuman JS**
Reimer KA see **Honan MB**
Reimherr FW see **Wender PH**
Reimund EL, Sitton JE, Harkin JC. Pigmented choroid plexus papilloma. Arch Pathol Lab Med 1990 Aug; 114(8):902–5 (8 ref.)
Rein MS, Friedman AJ, Pandian MR, Heffner LJ. The secretion of insulin-like growth factors I and II by explant cultures of fibroids and myometrium from women treated with a gonadotropin-releasing hormone agonist. Obstet Gynecol 1990 Sep;76(3 Pt 1):388–94
Reinberg Y see **Aliabadi H**
Reinecke RD see **Zubcov AA**
Reiner AP, Sayers MH. Hemolytic transfusion reaction due to interdonor kell incompatibility. Report of two cases and review of the literature. Arch Pathol Lab Med 1990 Aug; 114(8):862–4 (26 ref.)
Reinhardt TA, Horst RL. Parathyroid hormone down-regulates 1,25-dihydroxyvitamin D receptors (VDR) and VDR messenger ribonucleic acid in vitro and blocks homologous up-regulation of VDR in vivo. Endocrinology 1990 Aug;127(2):942–8
Reinhart RA, Gani K, Arndt MR, Broste SK. Apolipoproteins A-I and B as predictors of angiographically defined coronary artery disease. Arch Intern Med 1990 Aug; 150(8):1629–33
Reinhart WH see **Aebi U**
Reinking LN see **Heindel RM**
Reinthaller A, Mursch-Edlmayr G, Tatra G. Thrombin-antithrombin III complex levels in normal pregnancy with hypertensive disorders and after delivery. Br J Obstet Gynaecol 1990 Jun;97(6):506–10
Reisman J, Corey M, Canny G, Levison H. Diabetes mellitus in patients with cystic fibrosis: effect on survival. Pediatrics 1990 Sep;86(3):374–7
Reisner D see **Thomas GB**
Reisner E see **Arredondo-Vega FX**
Reisner L see **Dunnington G**
Reiss CS see **Browning MJ**
Reitelman C see **Rober PE**
Reiter AA see **Smith LG Jr**
Reiter I see **Podesta L**
Reiter MJ see **Florek RC**
Reiter RC see **Gambone JC**
Reitsma PH see **Bertina RM**
Reitz BA see **Horneffer PJ**
Reitz BA see **Pillai R**
Reller K see **Leone MR**
Remafedi G. Fundamental issues in the care of homosexual youth. Med Clin North Am 1990 Sep;74(5):1169–79 (47 ref.)
Reman FC see **Tytgat GN**
Remetz MS see **Lasala JM**
Remick DG see **Spengler RN**
Remillard GM see **Goossens LA**
Remington GJ, Voineskos G, Pollock B, Reed K, Coulter K. Prevalence of neuroleptic-induced dystonia in mania and schizophrenia. Am J Psychiatry 1990 Sep;147(9):1231–3
Remold HG see **Kirchheimer JC**
Remuzzi G see **Benigni A**
Renier D see **Pierre-Kahn A**
Rennert H, Fischer RT, Alvarez JG, Trzaskos JM, Strauss JF 3d. Generation of regulatory oxysterols: 26-hydroxylation of cholesterol by ovarian mitochondria. Endocrinology 1990 Aug;127(2):738–46
Rennie JM see **Bishop NJ**
Renou P see **Eddie LW**
Renschler MF. Avoiding exposure to HIV by needle stick [letter] N Engl J Med 1990 Aug 30;323(9):611–2
Renshaw J see **Essex B**
Renwick IG. The type III dens fracture and its associated soft-tissue injuries: a different form of Hangman's fracture. Br J Radiol 1990 Jun;63(750):495–6
Renzi PM see **Sapienza S**
Repa JJ see **Crowell PL**
Repke JT. Adolescent pregnancy: can we solve the problem? [editorial; comment] Mayo Clin Proc 1990 Aug; 65(8):1152–4. Comment on: Mayo Clin Proc 1990 Aug;65(8):1061–6.
Repko CJ, Miller JL. Survey of foodservice production forecasting. J Am Diet Assoc 1990 Aug;90(8):1067–71
Reppert SM see **Rivkees SA**
Requena L, Zamora E, Martin L. Acroatrophy secondary to long-standing applications of topical steroids. Arch Dermatol 1990 Aug;126(8):1013–4
Resano FG see **Burke AB**
Resch L see **Riley DE**
Resnick D see **Kursunoglu-Brahme S**
Resnick MI see **Morse RM**
Resta RG see **Nyberg DA**
Restaino I see **Burk CD**
Retegui LA see **Mazza MM**
Retegui LA see **Roguin LP**
Retik AB see **Jung WH**
Reuben DB, Fink A, Vivell S, Hirsch SH, Beck JC. Geriatrics in residency programs. Acad Med 1990 Jun;65(6):382–7
Reul JM, de Kloet ER, van Sluijs FJ, Rijnberk A, Rothuizen J. Binding characteristics of mineralocorticoid and glucocorticoid receptors in dog brain and pituitary. Endocrinology 1990 Aug;127(2):907–15
Reuter VE see **Hruban RH**
Reveille JD see **Goldstein R**
Reves JG, Croughwell ND, Hawkins E, Smith LR, Jacobs JR, Rankin S, Lowe J, VanTrigt P. Esmolol for treatment of intraoperative tachycardia and/or hypertension in patients having cardiac operations. Bolus loading technique. J Thorac Cardiovasc Surg 1990 Aug; 100(2):221–7
Révész L see **Balmukhanov SB**
Revhaug A see **Michie HR**
Rex JH, Bennett JE, Gallin JI, Malech HL, Melnick DA. Normal and deficient neutrophils can cooperate to damage Aspergillus fumigatus hyphae. J Infect Dis 1990 Aug; 162(2):523–8
Rey AM, Gums JG, Grauer K. The new antimicrobial agents. When they're the best choice and when they're not. Postgrad Med 1990 Aug;88(2):64–8, 71–3, 77–81 (46 ref.)
Reyes A, Luckhaus J, Ferin M. Unexpected inhibitory action of N-methyl-D,L-aspartate or luteinizing hormone release in adult ovariectomized rhesus monkeys: a role of the hypothalamic-adrenal axis. Endocrinology 1990 Aug; 127(2):724–9
Reyes GD. A guidance device for CT-guided procedures. Radiology 1990 Sep;176(3):863–4
Reyes GR see **Lipka JJ**
Reyes MP see **Khatib R**
Reyes VE see **Lu S**
Reyes VP see **Spears JR**
Reyna T see **Wolf YG**
Reynaud-Bougnoux A see **Calais G**
Reynes M see **Gugenheim J**
Reynolds EH see **Godfrey PS**
Reynolds GP, Pearson SJ. Brain GABA levels in asymptomatic Huntington's disease [letter] N Engl J Med 1990 Sep 6;323(10):682
Reynolds J see **Lieberman MD**
Reynolds S see **Capewell S**
Reynolds TB see **Akriviadis EA**
Rezkalla S see **Khatib R**
Rhéaume E see **Dupont E**
Rhee KJ, Baxt WG, Mackenzie JR, Willits NH, Burney RE, O'Malley RJ, Reid N, Schwabe D, Storer DL, Weber R. APACHE II scoring in the injured patient. Crit Care Med 1990 Aug;18(8):827–30
Rhodes MC see **Mulrow CD**
Rhys Davies E. Platelet specific monoclonal antibody [letter] Br J Radiol 1990 Jun;63(750):501
Riara G see **Sinei SK**
Ribbert LS, Snijders RJ, Nicolaides KH, Visser GH. Relationship of fetal biophysical profile and blood gas values at cordocentesis in severely growth-retarded fetuses. Am J Obstet Gynecol 1990 Aug;163(2):569–71
Ribeiro EJ see **Ferreira MJ**
Ribeiro JP see **Arnold JM**
Ribel U, Hougaard P, Drejer K, Sørensen AR. Equivalent in vivo biological activity of insulin analogues and human insulin despite different in vitro potencies. Diabetes 1990 Sep;39(9):1033–9
Riberu WA, Atmosoedjono S, Purnomo, Tirtokusumo S, Bangs MJ, Baird JK. Cultivation of sexually mature Brugia malayi in vitro. Am J Trop Med Hyg 1990 Jul;43(1):3–5
Ribet ME, Pruvot FR. Organ procurement for pulmonary transplantation [letter] Ann Thorac Surg 1990 Aug; 50(2):335–6
Ricard G see **Guan ZC**
Riccardi A, Ucci G, Luoni R, Castello A, Coci A, Magrini U, Ascari E. Bone marrow biopsy in monoclonal gammopathies: correlations between pathological findings and clinical data. The Cooperative Group for Study and Treatment of Multiple Myeloma. J Clin Pathol 1990 Jun; 43(6):469–75
Riccardi K see **Stark AD**
Ricchi A see **Meloni L**
Ricciardi J see **Jenike MA**
Ricciardi L see **Gobbi PG**
Riccio T see **Kursunoglu-Brahme S**
Rice CD, Brown HH. Primary orbital melanoma associated with orbital melanocytosis. Arch Ophthalmol 1990 Aug; 108(8):1130–4
Rice CL see **Eddy AC**
Rice CL see **Mileski WJ**
Rice DH. Endoscopic intranasal dacryocystorhinostomy results in four patients. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1061
Rice GP see **Dekaban GA**
Rice GP see **Weinshenker BG**
Rice JC see **Hollier LH**
Rice PA see **Apicella MA**
Rice RP see **Knechtle SJ**
Rice S, Miller MD. Developing a model for the study of quality of life in elderly patients with chronic disease: use of hypertension as an example. South Med J 1990 Aug; 83(8):941–6
Rich EA. Pulmonary surfactant as a physiologic immunosuppressive agent. J Lab Clin Med 1990 Jul; 116(1):4–5
Rich GF, Sullivan MP, Adams JM. Is distal sampling of end-tidal CO2 necessary in small subjects? Anesthesiology 1990 Aug;73(2):265–8
Rich SS see **Hauser WA**
Richard J see **Choi CH**
Richards GA, Theron AJ, Van Rensburg CE, Van Rensburg AJ, Van der Merwe CA, Kuyl JM, Anderson R. Investigation of the effects of oral administration of vitamin E and beta-carotene on the chemiluminescence responses and the frequency of sister chromatid exchanges in circulating leukocytes from cigarette smokers. Am Rev Respir Dis 1990 Sep;142(3):648–54
Richards JD see **McMillan AK**
Richards JM, Vogelzang NJ, Bluestone JA. Neurotoxicity after treatment with muromonab-CD3 [letter] N Engl J Med 1990 Aug 16;323(7):487–8
Richards JM Jr see **Bailey WC**
Richards JS, Stover SL, Jaworski T. Effect of bullet removal on subsequent pain in persons with spinal cord injury secondary to gunshot wound. J Neurosurg 1990 Sep; 73(3):401–4
Richards K. Lasers in general surgery. Nurs Clin North Am 1990 Sep;25(3):667–71 (8 ref.)
Richards MA see **O'Reilly SM**
Richards WA see **Menitove JE**
Richardson JB see **Stone MH**
Richardson JD see **Cryer HG**
Richardson JD see **Cué JI**
Richardson JL see **Dwyer KM**
Richardson JW, Fredrickson PA, Lin SC. Narcolepsy update. Mayo Clin Proc 1990 Jul;65(7):991–8 (63 ref.)
Richardson L see **Kickler TS**
Richardson P, Cantwell BM. Autonomic neuropathy after cisplatin based chemotherapy [letter] BMJ 1990 Jun 2; 300(6737):1466–7
Richardson RL see **Hartmann LC**
Richardson RL see **Smalley SR**
Richardson SL see **Wedin GP**
Richart C see **Vidal F**
Richens A see **Robinson MK**
Richie AW see **Neuwirth H**
Richieri GV, Kleinfeld AM. Free fatty acids inhibit cytotoxic T lymphocyte-mediated lysis of allogeneic target cells. J Immunol 1990 Aug 15;145(4):1074–7
Richman JD, Rose DJ. The role of arthroscopy in the management of synovial chondromatosis of the shoulder. A case report. Clin Orthop 1990 Aug;(257):91–3
Richman PS, Batcher S, Catanzaro A. Pulmonary surfactant suppresses the immune lung injury response to inhaled antigen in guinea pigs. J Lab Clin Med 1990 Jul; 116(1):18–26
Richmond B see **Piraino D**
Richon J see **Clavien PA**
Rickard KA see **Ernst JA**
Rickards D see **Boothroyd AE**
Rickert VI, Jay MS, Gottlieb AA. Adolescent wellness. Facilitating compliance in social morbidities. Med Clin North Am 1990 Sep;74(5):1135–48 (96 ref.)
Ricordi C see **Tzakis AG**
Riddick L see **Moya FR**
Riddle MH see **Herbert WN**
Ridgway EC see **Samuels MH**
Ridgway EC see **Sarapura VD**
Riedinger MS see **Weingarten S**
Riegle EV, Desertspring D. Failure of the agent-specific filling device [letter] Anesthesiology 1990 Aug;73(2):353–4
Riely CA see **Redlich CA**
Riemens T see **van Alphen L**
Riepenhoff-Talty M see **Gouvea V**
Ries LG see **Percy C**
Rifkin MD, Zerhouni EA, Gatsonis CA, Quint LE, Paushter DM, Epstein JI, Hamper U, Walsh PC, McNeil BJ. Comparison of magnetic resonance imaging and ultrasonography in staging early prostate cancer. Results of a multi-institutional cooperative trial. N Engl J Med

1990 Sep 6;323(10):621–6
Rigaud M see **Leibovitz E**
Rigby R. Closed system use of isoflurane and enflurane [letter] Anaesthesia 1990 Jun;45(6):500
Riggs JE. Bronchoscopy-induced fatal asystole in tetanus: the result of combined carotid-body chemoreceptor and vasovagal reflexes. South Med J 1990 Aug;83(8):955–6
Righter J. Universal precautions [letter] Can Med Assoc J 1990 Aug 15;143(4):256–7
Rigot JM see **Dumur V**
Rijnberk A see **Reul JM**
Rikiishi H see **Seki S**
Riley DE, Lang AE, Lewis A, Resch L, Ashby P, Hornykiewicz O, Black S. Cortical-basal ganglionic degeneration. Neurology 1990 Aug;40(8):1203–12
Riley PO see **Jeng SF**
Rilinger N see **Munz DL**
Rimoin DL see **Shohat M**
Rinaldi MG see **Defaveri J**
Rinaldi MG see **Toy EC**
Rineberg BA. Societal trends toward accountability in the professions. Clin Orthop 1990 Aug;(257):43–6
Rinfret A, Horne C, Boux H, Marks A, Dorrington KJ, Klein M. Isotype modulation of idiotypic expression in recombinant isotypic variants of MOPC 315. J Immunol 1990 Aug 1;145(3):925–31
Ring E, Zobel G, Stöckler S. Clearance of toxic metabolites during therapy for inborn errors of metabolism [letter] J Pediatr 1990 Aug;117(2 Pt 1):349–50
Ring KS, Burbige KA, Benson MC, Karp F, Hensle TW. The flow cytometric analysis of undescended testes in children. J Urol 1990 Aug;144(2 Pt 2):494–8; discussion 512–3
Ring S see **Scherrer U**
Ringdén O see **Ljungman P**
Ringel SP see **Florek RC**
Ringenberg QS, Doll DC. Acute nonlymphocytic leukemia: the first 48 hours. South Med J 1990 Aug;83(8):931–40 (62 ref.)
Ringhand TH, Snowdon DA, Johnson RA. Trends in rates for mortality from all causes among Indians in Minnesota, 1960–79. Public Health Rep 1990 Jul–Aug;105(4):425–8
Rink RC see **Mitchell ME**
Riolo S see **Dalton HJ**
Riordan NM see **Lindan CP**
Riou B see **Timsit J**
Ripa T see **Giesecke J**
Rips J see **Gutin B**
Rist M see **Zenklusen HR**
Ritch PS see **Borden EC**
Ritch R see **Teekhasaenee C**
Ritchey ML see **Phillips TH**
Ritchie JK see **Surtees P**
Ritchie WP Jr see **Dempsey DT**
Ritter SB. Transesophageal echocardiography in children: new peephole to the heart [comment] J Am Coll Cardiol 1990 Aug;16(2):447–50 (46 ref.). Comment on: J Am Coll Cardiol 1990 Aug;16(2):442–6.
Ritz RF see **Schoenenberger RA**
Rivas S see **Fernández-Palazzi F**
Rivello D see **Hill LM**
Rivera H see **Westhoff C**
Riveros DA, Grand BE, Blanco AN, Pieroni G, Lazzari M, Voto LS. Laboratory identification of the lupus anticoagulant in normal pregnancy and pregnancy-induced hypertension [letter] Am J Obstet Gynecol 1990 Aug; 163(2):704–5
Rivers JT, White HD, Cross DB, Williams BF, Norris RM. Reinfarction after thrombolytic therapy for acute myocardial infarction followed by conservative management: incidence and effect of smoking. J Am Coll Cardiol 1990 Aug;16(2):340–8
Rivers S see **Lazar HL**
Rivier C, Vale W. Cytokines act within the brain to inhibit luteinizing hormone secretion and ovulation in the rat. Endocrinology 1990 Aug;127(2):849–56
Rivkees SA, Conron RW Jr, Reppert SM. Solubilization and purification of melatonin receptors from lizard brain. Endocrinology 1990 Sep;127(3):1206–14
Rizk B, Davies MC. Total abdominal and pelvic ultrasound: incidental findings and a comparison between outpatient and general practice referrals in 1000 cases [letter] Br J Radiol 1990 Jun;63(750):501–2
Rizzo J see **Joseph MP**
Rizzo RJ see **Baxter BT**
Rizzoni G see **Benigni A**
Road JD see **Whittaker JS**
Road JD see **Wilcox PG**
Roald OK see **Karlsson BR**
Robb JF see **Fall LH**
Robbins A, Caper P, Rowland D. Financing medical care in the new Soviet economy. JAMA 1990 Sep 5;264(9):1097–8
Robbins AH see **Nino-Murcia M**
Robbins AS see **Rubenstein LZ**
Robbins DL, Kenny TP, Coloma MJ, Gavilondo-Cowley JV, Soto-Gil RW, Chen PP, Larrick JW. Serologic and molecular characterization of a human monoclonal rheumatoid factor derived from rheumatoid synovial cells. Arthritis Rheum 1990 Aug;33(8):1188–95
Robbins KT, vanSonnenberg E, Casola G, Varney RR. Image-guided needle biopsy of inaccessible head and neck lesions. Arch Otolaryngol Head Neck Surg 1990 Aug; 116(8):957–61
Rober PE, Perlmutter AD, Reitelman C. Experience with 81, 1-stage hypospadias/chordee repairs with free graft urethroplasties. J Urol 1990 Aug;144(2 Pt 2):526–9; discussion 530
Roberson DA, Silverman NH. Malaligned outlet septum with subpulmonary ventricular septal defect and abnormal ventriculoarterial connection: a morphologic spectrum defined echocardiographically [see comments] J Am Coll Cardiol 1990 Aug;16(2):459–68. Comment in: J Am Coll Cardiol 1990 Aug;16(2):469–70.
Robert A see **Gorden DL**
Robert JA see **Moya FR**
Roberton DM see **Hewson PH**
Roberts AM see **Cryer HG**
Roberts CR see **Lawyer PG**
Roberts CT Jr see **Serrano J**
Roberts GW see **Clinton J**
Roberts JA. Is routine circumcision indicated in the newborn? An affirmative view. J Fam Pract 1990 Aug;31(2):185–8
Roberts JA. Norwich-Eaton lectureship. Pathogenesis of nonobstructive urinary tract infections in children. J Urol 1990 Aug;144(2 Pt 2):475–9; discussion 480
Roberts JA, Fussell EN, Kaack MB. Bacterial adherence to urethral catheters. J Urol 1990 Aug;144(2 Pt 1):264–9
Roberts JM see **Sexton JD**
Roberts JP, Burge DM. Antenatal diagnosis of abdominal wall defects: a missed opportunity? Arch Dis Child 1990 Jul;65(7 Spec No):687–9
Roberts KD. Radiolucent dentures [letter] BMJ 1990 Jun 23; 300(6740):1650–1
Roberts P, Carnes S. The orthopaedic scooter. An energy-saving aid for assisted ambulation. J Bone Joint Surg [Br] 1990 Jul;72(4):620–1
Roberts PL see **Kiviat N**
Roberts PL see **Schoetz DJ Jr**
Roberts R. Determining the disappearance rate of creatine kinase (CK) in the dog [letter] Circulation 1990 Aug; 82(2):661–2
Roberts R see **Kleiman NS**
Roberts R see **Williams DO**
Roberts RB, Jurica K, Meyer WA 3d, Paxton H, Makuch RW. A phase 1 study of ribavirin in human immunodeficiency virus-infected patients. J Infect Dis 1990 Sep;162(3):638–42
Roberts RJ see **deLemos RA**
Roberts SJ see **Day NE**
Robertson AJ see **Parham DM**
Robertson CN, Linehan WM, Pass HI, Gomella LG, Haas GP, Berman A, Merino M, Rosenberg SA. Preparative cytoreductive surgery in patients with metastatic renal cell carcinoma treated with adoptive immunotherapy with interleukin-2 or interleukin-2 plus lymphokine activated killer cells. J Urol 1990 Sep;144(3):614–7; discussion 617–8
Robertson DA see **Ayres RC**
Robertson DI see **Duggan MA**
Robertson DM see **Sun YT**
Robertson H see **Freeman R**
Robertson IH, Gray JM, Pentland B, Waite LJ. Microcomputer-based rehabilitation for unilateral left visual neglect: a randomized controlled trial. Arch Phys Med Rehabil 1990 Aug;71(9):663–8
Robertson MC, Croze F, Schroedter IC, Friesen HG. Molecular cloning and expression of rat placental lactogen-I complementary deoxyribonucleic acid. Endocrinology 1990 Aug;127(2):702–10
Robertson PA see **Combs CA**
Robertson WG see **Nordin BE**
Robeson M see **Hojat M**
Robin ED, Lewiston NJ. Type 3 and type 4 errors in the statistical evaluation of clinical trials. Chest 1990 Aug; 98(2):463–5
Robin SE see **Pettinati HM**
Robinsin C see **Meizner I**
Robinson AC. Management of radiation-induced otitis externa. J Laryngol Otol 1990 Jun;104(6):458–9
Robinson AE, Kurtz RC. Familial pancreatic cancer: insight into etiology or an interesting quirk of nature? Gastroenterology 1990 Sep;99(3):891–3
Robinson C see **Gouvea V**
Robinson D see **Steadman C**
Robinson E see **Neugut AI**
Robinson IC see **Fairhall KM**
Robinson J, Moseley MJ, Fielder AR. Illuminance of neonatal units. Arch Dis Child 1990 Jul;65(7 Spec No):679–82
Robinson JK see **Forman AB**
Robinson K see **Rodgers GP**
Robinson LM, Fitts SS, Kraft GH. Laterality of performance in fingertapping rate and grip strength by hemisphere of stroke and gender. Arch Phys Med Rehabil 1990 Aug; 71(9):695–8
Robinson MJ see **Hewson PH**
Robinson MK, Richens A, Oxley R. Vigabatrin and behaviour disturbances [letter] Lancet 1990 Aug 25;336(8713):504
Robinson PN, Patel D, Macleod KG. The identification of the epidural space [letter] Anaesthesia 1990 Jun;45(6):498–9
Robinson WS see **Garcia G**
Robuck W see **Beauchamp GD**
Robyn C see **Glinoer D**
Roca J see **Agusti AG**
Rocha GA see **Queiroz DM**
Roche AF see **Himes JH**
Roche AH see **Jaffe WM**
Roche WR see **Djukanovic R**
Rock KL, Rothstein L, Gamble S. Generation of class I MHC-restricted T-T hybridomas. J Immunol 1990 Aug 1;145(3):804–11
Rockoff MA see **Murphy KG**
Rockswold GL, Bergman TA, Ford SE. Halo immobilization and surgical fusion: relative indications and effectiveness in the treatment of 140 cervical spine injuries. J Trauma 1990 Jul;30(7):893–8
Rockwell S see **Sostman HD**
Rodan GA see **Ernst M**
Rodan GA see **Rodan SB**
Rodan SB, Wesolowski G, Chin J, Limjuco GA, Schmidt JA, Rodan GA. IL-1 binds to high affinity receptors on human osteosarcoma cells and potentiates prostaglandin E2 stimulation of cAMP production. J Immunol 1990 Aug 15;145(4):1231–7
Rodeck CH see **Arulkumaran S**
Rodeck CH see **Fisk NM**
Rodesch G see **Mavroudakis N**
Rodgers BM see **Daniel TM**
Rodgers FG see **Hill MK**
Rodgers GP, Minor ST, Robinson K, Cromeens D, Woolbert SC, Stephens LC, Guyton JR, Wright K, Roubin GS, Raizner AE. Adjuvant therapy for intracoronary stents. Investigations in atherosclerotic swine. Circulation 1990 Aug;82(2):560–9
Rodgers K see **Frais MA**
Rodgers PA see **Vreman HJ**
Rodrigues Netto Júnior N, Lemos GC, Claro JF. In situ extracorporeal shock wave lithotripsy for ureteral calculi. J Urol 1990 Aug;144(2 Pt 1):253–4
Rodriguez AR, Kleiman NS, Minor ST, Zoghbi WA, West MS, DeFelice CA, Samuels DA, Cashion R, Pickett JD, Lewis JM, et al. Factors influencing the outcome of balloon aortic valvuloplasty in the elderly. Am Heart J 1990 Aug; 120(2):373–80
Rodriguez C see **González T**
Rodriguez E, Martínez JA, Torres M, Nubiola A, Buges J. Lobular panniculitis associated with ciprofloxacin. BMJ 1990 Jun 2;300(6737):1468
Rodriguez E see **Routy JP**
Rodriguez G see **Berchuck A**
Rodriguez MC, Segaloff DL. The orientation of the lutropin/choriogonadotropin receptor in rat luteal cells as revealed by site-specific antibodies. Endocrinology 1990 Aug;127(2):674–81
Rodríguez R see **Moore JL**
Rodríguez de Castro F see **Carrillo T**
Rodriguez-Roisin R see **Agusti AG**
Rodriguez-Roisin R see **Torres A**
Rodrique SW see **Hayes DF**
Roe CR see **Chen YT**
Roe TF see **Gilsanz V**
Roedersheimer LR see **Kerr TM**
Roehrborn CG, Worrell JT, Wiley EL. Bilateral synchronous testis tumors of different histology in a patient with the acquired immunodeficiency syndrome related complex. J Urol 1990 Aug;144(2 Pt 1):353–5
Roehrich K see **Mickisch GH**
Roelandt J see **Suryapranata H**
Roelofse JA, van der Bijl P, Stegmann DH, Hartshorne JE. Preanesthetic medication with rectal midazolam in children undergoing dental extractions. J Oral Maxillofac Surg 1990 Aug;48(8):791–7; discussion 797
Rogatko A see **Bevilacqua RG**
Rogers AW see **Graham RA**
Rogers JE, Hutchins SG, Johnson BJ. Nonpunitive discipline. A method of reducing absenteeism. J Nurs Adm 1990 Jul–Aug;20(7–8):41–3
Rogers JG, Windle JR, McManus BM, Easley AR Jr. Aspergillus myocarditis presenting as myocardial infarction with complete heart block. Am Heart J 1990 Aug; 120(2):430–2
Rogers M see **Lefkowith JB**
Rogers RM, Petty TL, Hudson LD, Briggs DD Jr. Critical care medicine certification and pulmonary disease trainees [editorial] Am Rev Respir Dis 1990 Sep;142(3):495–6
Rogers TK, Polacarz S, Channer KS, Morice AH. Cardiac rupture and fibrinolytic therapy [letter] Lancet 1990 Jul 28;336(8709):259–60
Roggero S see **Alessio M**
Rogo K see **Stendahl U**
Roguin LP, Cohen CE, Retegui LA. Monoclonal antibodies as probes to study the human growth hormone-binding domain to lactogenic rat liver receptors. Endocrinology 1990 Sep;127(3):1009–15
Roh MS, Wang L, Oyedeji C, LeRoux ME, Curley SA, Pollock RE, Klostergaard J. Human Kupffer cells are cytotoxic against human colon adenocarcinoma. Surgery 1990 Aug;108(2):400–4; discussion 404–5
Rohatgi PK see **Burns DN**
Rohatgi PK see **Goldstein RA**
Rohmer V, Barbot N, Bertrand P, Nahoul K, Bigorgne JC, Forest MG. A case of male pseudohermaphroditism due to 17 alpha-hydroxylase deficiency and hormonal profiles in the nuclear family. J Clin Endocrinol Metab 1990 Aug; 71(2):523–9
Rohner A see **Clavien PA**
Rohner A see **Morel P**
Rohr AS see **Mahan C**
Rohrbach MS see **Kreofsky TJ**

Rohrich RJ see **Wolfort S**
Rohrmoser L see **Weide R**
Roizman B see **Meignier B**
Rojas M see **Avila JL**
Rojas T see **Avila JL**
Rojo I see **Martorell J**
Rokach J see **Manning PJ**
Rokey R see **O'Neill PG**
Rokkanen P see **Böstman O**
Rokkanen P see **Santavirta S**
Rola-Pleszczynski M see **Pignol B**
Rolfe B, Sowa DT. Mixed gonococcal and mycobacterial sepsis of the wrist. Clin Orthop 1990 Aug;(257):100–3
Rolland R see **Kremer JA**
Rollins JA see **Scherrer U**
Rolnitzky LM see **Bigger JT Jr**
Romagnoli G, De Luca M, Faranda F, Bandelloni R, Franzi AT, Cataliotti F, Cancedda R. Treatment of posterior hypospadias by the autologous graft of cultured urethral epithelium. N Engl J Med 1990 Aug 23;323(8):527–30
Roman LD see **Rose PG**
Román M see **Eguaras MG**
Romanelli MF, Morris JC, Ashkin K, Cohen LA. Advanced Alzheimer's disease is a risk factor for late-onset seizures. Arch Neurol 1990 Aug;47(8):847–50
Romero M see **Medina A**
Romic Stojkovic R, Jovančevic M, Santel DJ, Grčevic N, Gamulin S. Sex steroid receptors in intracranial tumors. Cancer 1990 May 1;65(9):1968–70
Romney DM. Thought disorder in the relatives of schizophrenics. A meta-analytic review of selected published studies. J Nerv Ment Dis 1990 Aug;178(8):481–6
Rompalo A see **Kiviat N**
Ronco PM see **Budisavljevic M**
Rönnberg L, Kauppila A, Leppäluoto J, Martikainen H, Vakkuri O. Circadian and seasonal variation in human preovulatory follicular fluid melatonin concentration. J Clin Endocrinol Metab 1990 Aug;71(2):492–6
Rontal E see **Rontal M**
Rontal M, Rontal E. Endoscopic laryngeal surgery for bilateral midline vocal cord obstruction. Ann Otol Rhinol Laryngol 1990 Aug;99(8):605–10
Rooks JP. Low-intervention maternity care [comment] J Fam Pract 1990 Aug;31(2):125–7. Comment on: J Fam Pract 1990 Aug;31(2):128–36.
Roos D see **Huizinga TW**
Roos KL. Meningitis as it presents in the elderly: diagnosis and care. Geriatrics 1990 Aug;45(8):63–4, 69–71, 74–5 (28 ref.)
Roos KL, Pascuzzi RM, Kuharik MA, Shapiro AD, Manco-Johnson MJ. Postpartum intracranial venous thrombosis associated with dysfunctional protein C and deficiency of protein S. Obstet Gynecol 1990 Sep;76(3 Pt 2):492–4
Roos N see **Malenka DJ**
Roos RP see **Salazar-Grueso EF**
Roper BA, Paterson JM, Day WH. The Roper-Day total shoulder replacement. J Bone Joint Surg [Br] 1990 Jul; 72(4):694–7
Ropper AH, Wijdicks EF, Shahani BT. Electrodiagnostic abnormalities in 113 consecutive patients with Guillain-Barré syndrome. Arch Neurol 1990 Aug; 47(8):881–7
Rosado K see **Kemeny N**
Rosamond TL see **Goldstein JA**
Rosas E see **Abascal VM**
Rosato A see **Zanovello P**
Rosato FE, Bonn J, Shapiro M, BarBot DJ, Furnary AM, Gardiner GA. Selective arterial stimulation of secretin in localization of gastrinomas. Surg Gynecol Obstet 1990 Sep; 171(3):196–200
Rosborough T see **Udvarhelyi IS**
Rose DJ see **Richman JD**
Rose JC see **Cuthrell WV**
Rose JC see **Hatjis CG**
Rose PG, Roman LD, Reale FR, Tak WK, Hunter RE. Primary adenocarcinoma of the breast arising in the vulva. Obstet Gynecol 1990 Sep;76(3 Pt 2):537–9 (8 ref.)
Rose SJ see **Tenhula JA**
Rosen J see **Kabalin JN**
Rosen O see **Shephard EG**
Rosén T, Bengtsson BA. Premature mortality due to cardiovascular disease in hypopituitarism. Lancet 1990 Aug 4;336(8710):285–8
Rosenbaum H see **al-Mudallal R**
Rosenbaum M. The role of depression in couples involved in murder-suicide and homicide. Am J Psychiatry 1990 Aug;147(8):1036–9
Rosenberg H, Kissoon N. Cardiac arrests at home [letter] Pediatrics 1990 Sep;86(3):491–2
Rosenberg L, Clas D, Duguid WP. Trophic stimulation of the ductal/islet cell axis: a new approach to the treatment of diabetes. Surgery 1990 Aug;108(2):191–7
Rosenberg MJ see **Sinei SK**
Rosenberg MR, Cohen RA. Psychiatrist-attended work rounds: integrating psychiatry into internal medicine training. Acad Med 1990 Jun;65(6):422–3
Rosenberg N see **Ramakrishnan L**
Rosenberg RD see **Bauer KA**
Rosenberg SA see **Alexander RB**
Rosenberg SA, Aebersold P, Cornetta K, Kasid A, Morgan RA, Moen R, Karson EM, Lotze MT, Yang JC, Topalian SL, et al. Gene transfer into humans—immunotherapy of patients with advanced melanoma, using tumor-infiltrating lymphocytes modified by retroviral gene transduction [see comments] N Engl J Med 1990 Aug 30;323(9):570–8. Comment in: N Engl J Med 1990 Aug 30;323(9):601–3.
Rosenberg SA see **Robertson CN**
Rosenbloom L see **Pharoah PO**
Rosenblum BR see **Harrison MJ**
Rosenblum LS, Mirkin IR, Allen DT, Safford S, Hadler SC. A multifocal outbreak of hepatitis A traced to commercially distributed lettuce. Am J Public Health 1990 Sep;80(9):1075–9
Rosenblum M see **Conard PF**
Rosenfeld RG see **De Leon DD**
Rosenfeld RG see **Geffner ME**
Rosenfield A see **Chavkin W**
Rosenfield RL see **Cara JF**
Rosenheck R, Astrachan B. Regional variation in patterns of inpatient psychiatric care. Am J Psychiatry 1990 Sep; 147(9):1180–3
Rosenman JE see **Tawes RL Jr**
Rosenspire K see **Schwaiger M**
Rosenthal AD see **Herrmann HC**
Rosenthal DS see **Licht JD**
Rosenthal R see **Burns DN**
Rosenthal SJ see **Cox GG**
Rosenthal SM see **Sinei SK**
Rosner BA see **Teele DW**
Rosner MJ, Daughton S. Cerebral perfusion pressure management in head injury. J Trauma 1990 Aug; 30(8):933–40; discussion 940–1
Rosner W see **Nakhla AM**
Rosnick L see **Hyler SE**
Rosolowsky M see **Yao SK**
Ross DW. Restriction enzymes. Arch Pathol Lab Med 1990 Aug;114(8):906
Ross DW. Growth factors and blood cells. Arch Pathol Lab Med 1990 Sep;114(9):995–6
Ross ER see **Ali MS**
Ross FM see **Juliusson G**
Ross G, Lipper EG, Auld PA. Growth achievement of very low birth weight premature children at school age. J Pediatr 1990 Aug;117(2 Pt 1):307–9
Ross G, Lipper EG, Auld PA. Social competence and behavior problems in premature children at school age. Pediatrics 1990 Sep;86(3):391–7
Ross GS see **Lipper EG**
Ross J see **Rothman AI**
Ross JH see **Angermeier KW**
Ross JH see **Trindade JC**
Ross PE, Butt AN, Gallacher C. Cholesterol absorption by the gall bladder. J Clin Pathol 1990 Jul;43(7):572–5
Ross R see **Ferns G**
Ross SE, Nathan H, O'Malley KF. Impact of a required request law on vital organ procurement. J Trauma 1990 Jul;30(7):820–3; discussion 823–4
Rossi A see **Gobbi PG**
Rossi A, Galderisi S, Di Michele V, Stratta P, Ceccoli S, Maj M, Casacchia M. Dementia in schizophrenia. Magnetic resonance and clinical correlates. J Nerv Ment Dis 1990 Aug;178(8):521–4
Rossier M see **Buchman TG**
Rossignol AM, Bonnlander H. Caffeine-containing beverages, total fluid consumption, and premenstrual syndrome. Am J Public Health 1990 Sep;80(9):1106–10
Rossini M see **Catassi C**
Rossman B, Mieza M, Melman A. Penile vein ligation for corporeal incompetence: an evaluation of short-term and long-term results. J Urol 1990 Sep;144(3):679–82
Rossor M see **Clinton J**
Rost K see **Fisher EB Jr**
Rosti A see **Cicardi M**
Rote NS, Dostal-Johnson D, Branch DW. Antiphospholipid antibodies and recurrent pregnancy loss: correlation between the activated partial thromboplastin time and antibodies against phosphatidylserine and cardiolipin. Am J Obstet Gynecol 1990 Aug;163(2):575–84
Roth B, Crawford S. Fungal infection with non-Hodgkin's lymphoma [letter] Chest 1990 Aug;98(2):512
Roth E see **Kasper W**
Rothbarth PH see **Diepersloot RJ**
Rothe MJ, Grant-Kels JM, Rothfield NF. Extensive calcinosis cutis with systemic lupus erythematosus. Arch Dermatol 1990 Aug;126(8):1060–3
Rothera M see **Franks R**
Rothfield NF see **Rothe MJ**
Rothman AI, Cohen R, Ross J. Evaluating the clinical skills of foreign medical school graduates participating in an internship preparation program. Acad Med 1990 Jun; 65(6):391–5
Rothman AS see **Harrison MJ**
Rothman DJ, Tynan EA. Advantages and disadvantages of special hospitals for patients with HIV infection. A report by the New York City Task Force on Single-Disease Hospitals. N Engl J Med 1990 Sep 13;323(11):764–8
Rothman PA, Wiskind AK, Dudley AG. Amniotic membranes in the treatment of necrotizing fasciitis complicating vulvar herpes virus infection. Obstet Gynecol 1990 Sep;76(3 Pt 2):534–6
Rothstein JM. Upon these rocks [editorial; comment] Phys Ther 1990 Aug;70(8):467–9. Comment on: Phys Ther 1990 Aug;70(8):470–6; discussion 476–9.
Rothstein L see **Rock KL**
Rothuizen J see **Reul JM**
Rotstein OD see **Swallow CJ**
Rotstein Z see **Leor J**
Rotter ML see **Hirschl AM**
Rouan GW see **White LD**
Rouanet P see **Domergue J**
Roubin GS see **Rodgers GP**
Roukema JA, Lobach HJ, van der Werken C. Ascites after pleuroperitoneal shunting. Cancer 1990 Aug 15;66(4):675–6
Rouleau JL see **Dupuis J**
Rouse RL see **Beauchamp DE**
Rouse TM see **Anderson KD**
Rousseau MF see **Pouleur H**
Rousseau P. Decubitus ulcers [letter] Postgrad Med 1990 Aug;88(2):53
Roussel P see **Dumur V**
Roussis P see **Jeanty P**
Roussos C see **Zakinthinos S**
Roussouw G see **Coetzee A**
Rout WR see **Barie PS**
Routy JP, Blanc AP, Rodriguez E, Escoffier M, Joliot Y, Kiegel P, Viallet F, Chardon H. Intrathecal zidovudine for AIDS dementia [letter] Lancet 1990 Jul 28;336(8709):248
Roux AF see **Morlé L**
Roux L see **Hoosen AA**
Roux S see **Clozel JP**
Rovera G see **Yamada M**
Rovin BH, Lefkowith JB, Schreiner GF. Mechanisms underlying the anti-inflammatory effects of essential fatty acid deficiency in experimental glomerulonephritis. Inhibited release of a monocyte chemoattractant by glomeruli. J Immunol 1990 Aug 15;145(4):1238–45
Rovner B see **Steele C**
Rowbotham TJ see **Fallon RJ**
Rowe B see **Kleanthous H**
Rowe B see **Milford DV**
Rowe B see **Ward LR**
Rowe SA see **Horneffer PJ**
Rowe-Jones JM, Macallan DC, Sorooshian M. Polyarteritis nodosa presenting as bilateral sudden onset cochleo-vestibular failure in a young woman. J Laryngol Otol 1990 Jul;104(7):562–4 (14 ref.)
Rowland D see **Robbins A**
Rowland LP see **Bonilla E**
Rowland R see **Langman JM**
Rowland RG see **Donohue JP**
Rowlands BJ see **Diamond T**
Rowlands P, MacNeill AL. How much of which antipsychotic? [letter] Lancet 1990 Aug 18;336(8712):443
Rowley BD, Baldwin DC Jr, McGuire MB, Etzel SI, O'Leary CJ. Graduate medical education in the United States. JAMA 1990 Aug 15;264(7):822–32
Rowley DI see **Stockley I**
Rowley JL see **Nielsen DH**
Roy D see **Nattel S**
Roy SK see **Behrens RH**
Rozen P see **Darmon E**
Ruas E see **Ramirez OM**
Rubeck R see **Dunnington G**
Ruben FL see **Mostow SR**
Rubenstein LZ, Robbins AS, Josephson KR, Schulman BL, Osterweil D. The value of assessing falls in an elderly population. A randomized clinical trial. Ann Intern Med 1990 Aug 15;113(4):308–16
Rubesin SE, Herlinger H, De Gaeta L. Test your skills. Inverted Meckel diverticulum with intussusception. Radiology 1990 Sep;176(3):636, 644
Rubin DB, Wiener-Kronish JP, Murray JF, Green DR, Turner J, Luce JM, Montgomery AB, Marks JD, Matthay MA. Elevated von Willebrand factor antigen is an early plasma predictor of acute lung injury in nonpulmonary sepsis syndrome. J Clin Invest 1990 Aug;86(2):474–80
Rubin H see **Weingarten S**
Rubin J see **Martin JK Jr**
Rubin J see **Nanes MS**
Rubin J see **Windschitl HE**
Rubin LA. The soluble interleukin-2 receptor in rheumatic disease. Arthritis Rheum 1990 Aug;33(8):1145–8
Rubin LJ, Tod ML, Yoshimura K. Effects of nitrendipine and hypoxia on pulmonary vascular resistance in experimental emphysema. Am Rev Respir Dis 1990 Sep; 142(3):625–30
Rubin SC, Finstad CL, Hoskins WJ, Saigo PE, Provencher DM, Federici MG, Hakes TB, Markman M, Reichman BS, Lloyd KO, et al. Expression of P-glycoprotein in epithelial ovarian cancer: evaluation as a marker of multidrug resistance. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):69–73
Rubinfeld RS, Pilkerton AR Jr, Zimmerman LE. A corneal complication of indirect ophthalmic laser delivery systems. Am J Ophthalmol 1990 Aug 15;110(2):206–8
Rubinstein I, Nadel JA, Graf PD, Caughey GH. Mast cell chymase potentiates histamine-induced wheal formation in the skin of ragweed-allergic dogs. J Clin Invest 1990 Aug; 86(2):555–9
Rubinstein P, Walker M, Mollen N, Carpenter C, Beckerman S, Suciu-Foca N, McEvoy R, Ginsberg-Fellner F. No excess of DR*3/4 in Ashkenazi Jewish or Hispanic IDDM patients. Diabetes 1990 Sep;39(9):1138–43
Rubio E see **Ferreria JL**
Rubio E see **Martinez-Mir I**
Rubler S, Dolgin M. Exercise testing for right ventricular

ischemia [letter] Am J Cardiol 1990 Aug 15;66(4):528
Ruddy R see **Selbst SM**
Rudenski A see **Grenfell A**
Rudick RA. Helping patients live with multiple sclerosis. What primary care physicians can do. Postgrad Med 1990 Aug;88(2):197-200, 203-4, 207 (25 ref.)
Rudigoz RC see **Morlé L**
Ruebush TK 2d see **Sexton JD**
Rueth S see **Moreb J**
Ruffmann K see **Wehlage DR**
Ruffy M see **Har-El G**
Rugge M see **Bortolotti F**
Ruggieri P see **Biagini R**
Ruiz MQ see **Kastner T**
Ruiz-Palacios GM see **LeBaron CW**
Ruiz-Palacios GM see **López-Vidal Y**
Rulin MC. Hysterectomy for chronic pelvic pain of presumed uterine etiology [letter] Obstet Gynecol 1990 Sep;76(3 Pt 1):478
Ruma SJ see **Butler WT**
Rumack BH see **Brent J**
Rumball EM see **Shaw JH**
Rümke P see **Jonk A**
Runganga J see **Salker R**
Runge JW. Informed consent: an unresolved issue [letter] Ann Emerg Med 1990 Jul;19(7):841
Runge M see **Ikenberg H**
Runge MS. Prevention of thrombosis and rethrombosis. New approaches [comment] Circulation 1990 Aug;82(2):655-7. Comment on: Circulation 1990 Aug;82(2):578-85.
Ruoslahti E see **Okuda S**
Ruotolo G see **Abbott WG**
Rupar DG, Herzog KD, Fisher MC, Long SS. Prolonged bacteremia with catheter-related central venous thrombosis. Am J Dis Child 1990 Aug;144(8):879-82
Rupp E see **Horrow JC**
Rusch VW see **Eddy AC**
Rusconi ML see **Bisiach E**
Rushant S see **Mooney P**
Rushforth GF see **Shewring DJ**
Rushton HG see **Cohen RA**
Rushton HG, Belman AB, Sesterhenn I, Patterson K, Mostofi FK. Testicular sparing surgery for prepubertal teratoma of the testis: a clinical and pathological study. J Urol 1990 Sep;144(3):726-30
Rushton N see **Ali MS**
Rusnock EJ see **Tucker MC**
Rusonis ES. Adolescents with closed head injury. Neuropsychological consequences. Med Clin North Am 1990 Sep;74(5):1311-9 (26 ref.)
Russack V, Lammers RJ. Xanthogranulomatous endometritis. Report of six cases and a proposed mechanism of development. Arch Pathol Lab Med 1990 Sep; 114(9):929-32
Russell AS see **Suarez-Almazor ME**
Russell E see **Kanady K**
Russell IJ see **Pincus T**
Russell JA see **Kreofsky TJ**
Russell JE see **Brenner M**
Russell JM see **Russell SA**
Russell N see **Andrews R**
Russell RC see **Dowsett JF**
Russell RI see **McKinlay AW**
Russell RO Jr see **Gunnar RM**
Russell SA, Johnson RJ, Russell JM. Pelvic haematoma following orchidectomy: a pitfall in the staging of non-seminomatous germ cell tumour. Br J Radiol 1990 Jun; 63(750):492-4
Russell SM see **Nicoll CS**
Russell V see **Murphy KW**
Russin SJ, Fillipo BH, Adler AG. Neutropenia in adults. What is its clinical significance? Postgrad Med 1990 Aug; 88(2):209-16 (16 ref.)
Rutgers HM see **van Beusekom C**
Rutgers JL see **Pascual JA**
Rutherford BD see **Kahn JK**
Rutigliano L see **Gobbi PG**
Rutland PC see **Onadim ZO**
Rutnin U see **Teekhasaenee C**
Ruttenberg HD see **Shaddy RE**
Rutter JE see **Codias EK**
Ryan CF see **Whittaker JS**
Ryan CJ see **Reddy DJ**
Ryan JM see **Cooper GJ**
Ryan M see **Wong-Chung J**
Ryan SA. The nursing shortage: dynamics and solutions. A new decade of leadership. From vision to reality. Nurs Clin North Am 1990 Sep;25(3):597-604
Rybojad M see **Grange F**
Rydevik B see **Olmarker K**
Rydhström H. Prognosis for twins with birth weight less than 1500 gm: the impact of cesarean section in relation to fetal presentation. Am J Obstet Gynecol 1990 Aug; 163(2):528-33
Rykiel MF see **Horneffer PJ**
Rylance GW. Treatment of epilepsy and febrile convulsions in children. Lancet 1990 Aug 25;336(8713):488-91 (29 ref.)
Rypins EB see **Johnson BH**
Ryu J, Yahalom J, Shank B, Chaglassian TA, McCormick B. Radiation therapy after breast augmentation or reconstruction in early or recurrent breast cancer. Cancer 1990 Sep 1;66(5):844-7
Ryu T, Davis JM, Schwartz KA. Dose-dependent platelet stimulation and inhibition induced by anti-PIA1 IgG. J Lab Clin Med 1990 Jul;116(1):91-9

S

Saad F see **Homsy YL**
Saadjian M see **Charpin D**
Saari-Kemppainen A, Karjalainen O, Ylöstalo P, Heinonen OP. Ultrasound screening and perinatal mortality: controlled trial of systematic one-stage screening in pregnancy. The Helsinki Ultrasound Trial. Lancet 1990 Aug 18;336(8712):387-91
Sabag T see **al Kasab SM**
Sabatelli FW see **Hopper KD**
Sachdeva M see **Chambers HF**
Sack DA see **Alam AN**
Sack GH Jr. Acute intermittent porphyria [clinical conference] JAMA 1990 Sep 12;264(10):1290-3
Sack RB see **Spriggs DR**
Sacks JJ see **Gulaid JA**
Sacuto FR see **Wang CH**
Sadasivan B see **Ausman JI**
Sadato N see **Gellad FE**
Sadick NS see **Poh-Fitzpatrick MB**
Sadler JC see **Hershey HG**
Sadler JE see **Peake IR**
Sadler TW see **Smoak IW**
Sadove AM see **Eppley BL**
Sadove AM see **Jackson JM**
Saeed M see **Tarnow-Mordi W**
Saeed SR, Hinton AE, Ramsden RT, Lye RH. Spontaneous dissection of the intrapetrous internal carotid artery. J Laryngol Otol 1990 Jun;104(6):491-3
Saengnipanthkul S see **Laupattarakasem W**
Saenz RE, Paz H, Berman JD. Efficacy of ketoconazole against Leishmania braziliensis panamensis cutaneous leishmaniasis. Am J Med 1990 Aug;89(2):147-55
Saenz de Tejada I see **Blanco R**
Sáez-Llorens X see **Mustafa MM**
Safar P see **Abramson NS**
Safar P see **Tisherman SA**
Saffle JR, Larson CM, Sullivan J. A randomized trial of indirect calorimetry-based feedings in thermal injury. J Trauma 1990 Jul;30(7):776-82; discussion 782-3
Safford S see **Rosenblum LS**
Safian RD see **Levine MJ**
Saftlas AF, Olson DR, Franks AL, Atrash HK, Pokras R. Epidemiology of preeclampsia and eclampsia in the United States, 1979-1986. Am J Obstet Gynecol 1990 Aug; 163(2):460-5
Sagawa K see **Midei MG**
Sahler LG, Morris TW, Katzberg RW, Tallents RH. Microangiography of the rabbit temporomandibular joint in the open and closed jaw positions. J Oral Maxillofac Surg 1990 Aug;48(8):831-4
Sahni KS see **Gillock CB**
Saibil FG see **Boyd AJ**
Saigo PE see **Rubin SC**
Saihan EM see **Hill MK**
Saikia TK see **Charak BS**
Saint Aubert B see **Diaz D**
St.-Pierre Y, Watts TH. MHC class II-restricted presentation of native protein antigen by B cells is inhibitable by cycloheximide and brefeldin A. J Immunol 1990 Aug 1; 145(3):812-8
St. Toumanidou M see **Stamatiadis AP**
Sainte-Rose C see **Pierre-Kahn A**
St-Louis J see **Parent A**
Saito H see **Yamamoto Y**
Saito K see **Kobayashi T**
Saito S see **Kawai H**
Saito T see **Ishikawa SE**
Saito T see **Santavirta S**
Saito Y see **Fujiwara T**
Saito Y see **Itoh H**
Saito Y see **Mukoyama M**
Saji F see **Nishino E**
Saji F see **Nobunaga T**
Saji M see **Bellur S**
Sakagami H see **Tsugaya M**
Sakagami M, Harada T, Juhn SK, Duvall AJ 3d. Morphologic and biochemical study of vascular permeability of the middle ear mucosa in experimental otitis media. Ann Otol Rhinol Laryngol 1990 Aug;99(8):654-9
Sakai S see **Miyaguchi M**
Sakkas LI, Macfarlane DG, Bird H, Welsh KI, Panayi GS. Association of osteoarthritis with homozygosity for a 5.8 kb Taq I fragment of the alpha 1-antichymotrypsin gene. Br J Rheumatol 1990 Aug;29(4):245-8
Saksena S see **Tullo NG**
Sakurada T see **Itagaki Y**
Sakurai A see **Tarao K**
Sakurai K see **Landrito J**
Sala M see **Zella D**
Salafia C see **Cullen MT**
Salam MA see **Bennish ML**
Salata RA see **el Meanawy MA**
Salatka M, Arzemanian S, Kraus JF, Anderson CL. Fatal and severe injury: scooter and moped crashes in California, 1985. Am J Public Health 1990 Sep;80(9):1122-4
Salaün JJ see **Kazadi K**
Salazar MH see **Defaveri J**
Salazar-Grueso EF, Holzer TJ, Gutierrez RA, Casey JM, Desai SM, Devare SG, Dawson G, Roos RP. Familial spastic paraparesis syndrome associated with HTLV-I infection. N Engl J Med 1990 Sep 13;323(11):732-7
Saleh MN see **Maier WP**
Salerno DM, Gillingham KJ, Berry DA, Hodges M. A comparison of antiarrhythmic drugs for the suppression of ventricular ectopic depolarizations: a meta-analysis. Am Heart J 1990 Aug;120(2):340-53
Salewski E see **Kaukel E**
Salinas-Madrigal L see **Steinhardt G**
Saliterman SS. A computerized simulator for critical-care training: new technology for medical education. Mayo Clin Proc 1990 Jul;65(7):968-78
Salker R, Tosswill JH, Barbara JA, Runganga J, Contreras M, Tedder RS, Parra-Mejia N, Mortimer PP. HTLV-I/II antibodies in UK blood donors [letter] Lancet 1990 Aug 4;336(8710):317
Salkin P see **Whitehead ED**
Salle JL, Fraga JC, Lucib A, Lampertz M, Jobim G, Jobim G, Putten A. Seromuscular enterocystoplasty in dogs. J Urol 1990 Aug;144(2 Pt 2):454-6; discussion 460
Salloum RM see **Klimberg VS**
Salloum RM see **Souba WW**
Salmon D see **Perronne C**
Salmon DP, Thal LJ, Butters N, Heindel WC. Longitudinal evaluation of dementia of the Alzheimer type: a comparison of 3 standardized mental status examinations. Neurology 1990 Aug;40(8):1225-30
Salmon I see **Verhest A**
Salmon P, Brown MA. Renal artery stenosis and peripheral vascular disease: implications for ACE inhibitor therapy [letter] Lancet 1990 Aug 4;336(8710):321
Salmon PR see **Dowsett JF**
Salomon GD, Kasid A, Bernstein E, Buresh C, Director E, Norton JA. Gene expression in normal and doxorubicin-impaired wounds: importance of transforming growth factor-beta. Surgery 1990 Aug;108(2):318-22; discussion 322-3
Salomon NW, Page US, Bigelow JC, Krause AH, Okies JE, Metzdorff MT. Reoperative coronary surgery. Comparative analysis of 6591 patients undergoing primary bypass and 508 patients undergoing reoperative coronary artery bypass. J Thorac Cardiovasc Surg 1990 Aug; 100(2):250-9; discussion 259-60
Saloner D see **Anderson CM**
Saltuari L, Marosi M, Kofler M, Karamat E, Schmidhuber B, Kemmler J, Jeschow M. Impaired driving fitness after electrical or magnetic cortical stimulation [letter] Lancet 1990 Sep 1;336(8714):563
Salvadeo A see **Piazza V**
Salvage J. Nurses: the point of no return [editorial] BMJ 1990 Jun 9;300(6738):1478
Salvati EA see **Brien WW**
Salvatore L see **DeCaterina R**
Salvesen G see **Mast AE**
Salwen M see **Minkoff HL**
Salzer TA, Coker NJ, Wang-Bennett LT. Stimulation variables in electroneurography of the facial nerve. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1036-40
Salzman NP see **Schnittman SM**
Samaan NA, Pham FK, Sellin RV, Fernandez JF, Benjamin RS. Successful treatment of hypoglycemia using glucagon in a patient with an extrapancreatic tumor. Ann Intern Med 1990 Sep 1;113(5):404-6
Samanta A see **David LA**
Sambrook PN see **Kelly PJ**
Samet JM see **Coultas DB**
Samitz M see **Mangge H**
Samlaska CP see **Drabick JJ**
Samorodin RK see **Steinhoff MC**
Sampietro C see **Torre D**
Sampson MG see **Kerr TM**
Samuel D see **Gugenheim J**
Samuels DA see **Rodriguez AR**
Samuels MH, Veldhuis JD, Henry P, Ridgway EC. Pathophysiology of pulsatile and copulsatile release of thyroid-stimulating hormone, luteinizing hormone, follicle-stimulating hormone, and alpha-subunit. J Clin Endocrinol Metab 1990 Aug;71(2):425-32
Sanacora G, Kershaw M, Finkelstein JA, White JD. Increased hypothalamic content of preproneuropeptide Y messenger ribonucleic acid in genetically obese Zucker rats and its regulation by food deprivation. Endocrinology 1990 Aug; 127(2):730-7
Sanai T see **Ashida T**
Sanborn TA, Alexopoulos D, Marmur JD, Kahn H, Badimon JJ, Badimon L, Fuster V. Coronary excimer laser angioplasty: reduced complications and indium-111 platelet accumulation compared with thermal laser angioplasty. J Am Coll Cardiol 1990 Aug;16(2):502-6
Sánchez JL see **Lugo-Janer G**
Sanchez S see **Hyams KC**
Sánchez S see **Ulibarri JI**
Sanchez V see **Strichartz GR**
Sánchez-Madrid F see **Cardenas L**
Sanchez-Palencia Ramos A see **Guijarro Jorge R**
Sánchez-Yagüe J, Cabezas JA, Llanillo M. Subcellular distribution and characterization of acetylcholinesterase activities from sheep platelets: relationships between

temperature-dependence and environment. Blood 1990 Aug 15;76(4):737–44
Sancho M see **Medina A**
Sandberg K, Matsson P, Alm GV. A distinct population of nonphagocytic and low level CD4+ null lymphocytes produce IFN-alpha after stimulation by herpes simplex virus-infected cells. J Immunol 1990 Aug 1;145(3):1015–20
Sande S see **Tuomanen E**
Sanders AB. Emergency medicine faculty shortage—the medical school perspective [editorial] Ann Emerg Med 1990 Jul;19(7):826–7
Sanders CC see **Weber DA**
Sanders DR see **Gimbel HV**
Sanders ME see **Kursunoglu-Brahme S**
Sanders MH, Kern N. Obstructive sleep apnea treated by independently adjusted inspiratory and expiratory positive airway pressures via nasal mask. Physiologic and clinical implications. Chest 1990 Aug;98(2):317–24
Sanderson CF see **Black NA**
Sanderson WC, Beck AT, Beck J. Syndrome comorbidity in patients with major depression or dysthymia: prevalence and temporal relationships. Am J Psychiatry 1990 Aug; 147(8):1025–8
Sandford GR see **Burns WH**
Sandhu DP, Chilton CP, Munson KW. Screening for carcinoma of the prostate [letter] BMJ 1990 Jun 16; 300(6739):1585–6
Sandmaier BM, Storb R, Appelbaum FR, Gallatin WM. An antibody that facilitates hematopoietic engraftment recognizes CD44. Blood 1990 Aug 1;76(3):630–5
Sandoval A see **Bristow MR**
Sandra A see **Bar RS**
Sandrock D see **Munz DL**
Sands CJ, Napolitano N. Use of the argon laser in the treatment of malleus fixation.
Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):975–6
Sanfuentes MT see **Davanzo H**
Santamaria L. Postgraduate training in Italy. Lancet 1990 Aug 4;336(8710):314–5
Santavirta S, Konttinen YT, Saito T, Grönblad M, Partio E, Kemppinen P, Rokkanen P. Immune response to polyglycolic acid implants. J Bone Joint Surg [Br] 1990 Jul;72(4):597–600
Santel DJ see **Romic Stojkovic R**
Santhiya ST see **Natarajan D**
Santiago SM see **Tobias JK**
Santini DL see **Ales KL**
Santisteban I see **Arredondo-Vega FX**
Santisteban P see **Doi S**
Santos V see **Har-El G**
Sany J see **Miossec P**
Sanyal AJ, Hirsch JI, Moore EW. Premicellar taurocholate avidly binds ferrous (Fe++) iron: a potential physiologic role for bile salts in iron absorption. J Lab Clin Med 1990 Jul;116(1):76–86
Sanz Y see **Ulibarri JI**
Saperstein L see **Passmore D**
Sapienza S, Eidelman DH, Renzi PM, Martin JG. Role of leukotriene D4 in the early and late pulmonary responses of rats to allergen challenge. Am Rev Respir Dis 1990 Aug; 142(2):353–8
Sapsford DJ see **Jones JG**
Sarapura VD, Wood WM, Gordon DF, Ocran KW, Kao MY, Ridgway EC. Thyrotrope expression and thyroid hormone inhibition map to different regions of the mouse glycoprotein hormone alpha-subunit gene promoter. Endocrinology 1990 Sep;127(3):1352–61
Sarasua M see **Franceschi D**
Saravia NG, Weigle K, Segura I, Giannini SH, Pacheco R, Labrada LA, Goncalves A. Recurrent lesions in human Leishmania braziliensis infection—reactivation or reinfection? Lancet 1990 Aug 18;336(8712):398–402
Saravolatz L see **Lee HH**
Sareli P see **Demetriades D**
Sargeant SD see **Ramsewak SS**
Sargent JC see **Long RR**
Sarin M see **del Nido PJ**
Sarles H, Dagorn JC, Giorgi D, Bernard JP. Renaming pancreatic stone protein as 'lithostathine' [letter] Gastroenterology 1990 Sep;99(3):900–1
Sarles H, Bernard JP, Gullo L. Pathogenesis of chronic pancreatitis. Gut 1990 Jun;31(6):629–32 (72 ref.)
Saroyan RM see **Garcia R**
Sarr MG see **Nitecki S**
Sarr MG see **Spencer MP**
Sartain P see **Jonsson OG**
Sasai Y see **Mori O**
Sasaki CT see **DeLacure MD**
Sasaki K see **Makino S**
Sasaki T see **Johshita H**
Sasayama S see **Fujiki A**
Sasayama S see **Fujita M**
Sasayama S see **Miwa K**
Sasazuki T see **Nakagawara A**
Sassolas G, Harris AG, James-Deidier A. Long term effect of incremental doses of the somatostatin analog SMS 201-995 in 58 acromegalic patients. French SMS 201-995 approximately equal to Acromegaly Study Group. J Clin Endocrinol Metab 1990 Aug;71(2):391–7
Sassolas G see **Khalfallah Y**
Sassoon DA, Castro LC, Davis JL, Bear M, Hobel CJ. The biophysical profile in labor. Obstet Gynecol 1990 Sep;76(3 Pt 1):360–5
Sataloff RT, Spiegel JR, Hawkshaw M, Epstein JM, Jackson L. Cornelia de Lange syndrome. Otolaryngologic manifestations. Arch Otolaryngol Head Neck Surg 1990 Sep;116(9):1044–6
Satel SL. Mental status changes in children receiving glucocorticoids. Review of the literature.
Clin Pediatr (Phila) 1990 Jul;29(7):383–8 (49 ref.)
Sathapatayavongs B see **Wheat LJ**
Sato K see **Fujita J**
Sato K see **Soh E**
Sato K see **Yamamoto Y**
Sato N see **Akagi T**
Sato N, Wang XB, Greer MA, Greer SE, McAdams S, Oshima T. Medium hyposmolarity stimulates prolactin secretion in GH4C1 cells by inducing an increase in cytosolic free calcium. Endocrinology 1990 Aug;127(2):957–64
Sato N, Irie M, Kajinuma H, Suzuki K. Glucagon inhibits insulin activation of glucose transport in rat adipocytes mainly through a postbinding process. Endocrinology 1990 Sep;127(3):1072–7
Sato S see **Nemoto R**
Sato T see **Iwashima Y**
Satoh J, Seino H, Shintani S, Tanaka S, Ohteki T, Masuda T, Nobunaga T, Toyota T. Inhibition of type 1 diabetes in BB rats with recombinant human tumor necrosis factor-alpha. J Immunol 1990 Sep 1;145(5):1395–9
Sattar MA, Guindi RT, Vajcik J. Pericardial tamponade and limited cutaneous systemic sclerosis (CREST syndrome). Br J Rheumatol 1990 Aug;29(4):306–7
Satter E. The feeding relationship: problems and interventions. J Pediatr 1990 Aug;117(2 Pt 2):S181–9 (45 ref.)
Sattler F see **Dugel PU**
Saudubray JM see **Labrune P**
Sauermann G see **Wesierska-Gadek J**
Saul RF see **Brod RD**
Saul RF see **Wilson WB**
Saulnier-Blache JS, Larrouy D, Carpéné C, Quideau N, Dauzats M, Lafontan M. Photoperiodic control of adipocyte alpha 2-adrenoceptors in Syrian hamsters: role of testosterone. Endocrinology 1990 Sep;127(3):1245–53
Saunamäki K see **Clemmensen P**
Saunders E, Weir MR, Kong BW, Hollifield J, Gray J, Vertes V, Sowers JR, Zemel MB, Curry C, Schoenberger J, et al. A comparison of the efficacy and safety of a beta-blocker, a calcium channel blocker, and a converting enzyme inhibitor in hypertensive blacks. Arch Intern Med 1990 Aug;150(8):1707–13
Saunders E see **Croog SH**
Saunders N, Spiby H. Oxytocin in active-phase abnormalities of labor: a randomized study [letter] Obstet Gynecol 1990 Sep;76(3 Pt 1):475
Saunders PR, Harris MN. Opisthotonus and other unusual neurological sequelae after outpatient anaesthesia. Anaesthesia 1990 Jul;45(7):552–7
Sauser DD, Thordarson SH, Fahr LM. Imaging of the elbow. Radiol Clin North Am 1990 Sep;28(5):923–40 (27 ref.)
Sauter A see **Dempsey DT**
Sauve RS see **Fenton TR**
Sauvezie B see **Colamarino R**
Saux P see **Albanese J**
Savage RW, Masci R. Butterfat and the Navy Ration Law [letter] Am J Cardiol 1990 Aug 15;66(4):528
Savalgi RS, Corbishley CM, Caygill C, Hill M, Cook MG, Kirkham JS, Northfield TC. Relation between severity and extent of precancerous lesions in the postoperative stomach. Lancet 1990 Aug 18;336(8712):413–6
Savarese RP see **Calligaro KD**
Savarino V, Mela GS, Celle G. The pathophysiologic role of nocturnal acid secretion in gastric ulcers [letter] Gastroenterology 1990 Sep;99(3):901–2
Saven A see **Beutler E**
Savino JS, Weiss S. Safety of transesophageal echocardiography is still unclear [letter] Anesthesiology 1990 Aug;73(2):366–7
Savitch CB see **Toy EC**
Savona S see **Mittelman A**
Sawada S see **Furui S**
Sawai SK see **Carlan SJ**
Sawant AD see **Wilson LA**
Sawchuk AP see **Cikrit DF**
Sawicki P, Heinemann L, Mühlhauser I. Enalapril and metoprolol in diabetic nephropathy. BMJ 1990 Jun 2; 300(6737):1466
Sawyer W see **al Kasab SM**
Saxinger C see **Castro O**
Saxon A, Shanahan F, Landers C, Ganz T, Targan S. A distinct subset of antineutrophil cytoplasmic antibodies is associated with inflammatory bowel disease.
J Allergy Clin Immunol 1990 Aug;86(2):202–10
Sayers MH see **Reiner AP**
Sayre H see **Walsh TR**
Sbarra AJ see **Thomas GB**
Scalcini M, Carré G, Jean-Baptiste M, Hershfield E, Parker S, Wolfe J, Nelz K, Long R. Antituberculous drug resistance in central Haiti. Am Rev Respir Dis 1990 Sep; 142(3):508–11
Scalf R see **Hjelle B**
Scalia-Tomba G see **Giesecke J**
Scalzitti ML see **Mehta AC**
Scalzo AJ, Weber TR, Jaeger RW, Connors RH, Thompson MW. Extracorporeal membrane oxygenation for hydrocarbon aspiration. Am J Dis Child 1990 Aug; 144(8):867–71
Scanlon PJ see **Wilber DJ**
Scano G see **Gorini M**
Scapulatempo R see **Bacchi CE**
Scarffe H see **Dodwell D**
Schaadt M see **Katay I**
Schachtner W see **Colleselli K**
Schaefers HJ see **Miyoshi S**
Schaeffer AJ see **Hofer DR**
Schaeffer AJ, Darras FS. The efficacy of norfloxacin in the treatment of chronic bacterial prostatitis refractory to trimethoprim-sulfamethoxazole and/or carbenicillin.
J Urol 1990 Sep;144(3):690–3
Schaetzl R see **Oez S**
Schäfer W. Principles and clinical application of advanced urodynamic analysis of voiding function.
Urol Clin North Am 1990 Aug;17(3):553–66 (24 ref.)
Schaff HV see **Freeman WK**
Schaffner W see **Barg NL**
Schaffner W see **Mishu B**
Schalken JA see **Oosterhof GO**
Schalling M, Persson H, Pelto-Huikko M, Odum L, Ekman P, Gottlieb C, Hökfelt T, Rehfeld JF. Expression and localization of gastrin messenger RNA and peptide in spermatogenic cells. J Clin Invest 1990 Aug;86(2):660–9
Schalper J see **Pierart J**
Schaper M see **Dowling RD**
Scharfmann R see **Polak M**
Schatz M, Zeiger RS, Hoffman CP. Intrauterine growth is related to gestational pulmonary function in pregnant asthmatic women. Kaiser-Permanente Asthma and Pregnancy Study Group. Chest 1990 Aug;98(2):389–92
Schatzki SC see **Korn WT**
Schauenstein K see **Mangge H**
Schechter MT see **Gibson DL**
Scheel JN see **West DW**
Scheer B. Emergency treatment of avulsed incisor teeth. BMJ 1990 Jul 7;301(6742):4
Scheerer S see **Kim S**
Scheftner WA see **Fawcett J**
Scheibenpflug L see **Elvin A**
Scheidegger J see **Studer UE**
Scheidt S. Angina: evolution of the role of nitrates.
Am Heart J 1990 Sep;120(3):757–61; discussion 769–72 (36 ref.)
Schein RM see **Sprung CL**
Scheiner RB, Griffin TD, Lattanand A, Epstein JD. Lesions on the feet of a scuba diver. Cutaneous larva migrans. Arch Dermatol 1990 Aug;126(8):1092, 1095–6
Scheinin H see **Aantaa R**
Scheinin M see **Aantaa R**
Scheinman JI see **Chen YT**
Scheithauer BW see **Garton GR**
Schell-Frederick E see **Katay I**
Schellekens LA see **Kremer JA**
Schena FP. A retrospective analysis of the natural history of primary IgA nephropathy worldwide. Am J Med 1990 Aug;89(2):209–15 (81 ref.)
Schenk WG 3d, Aldridge SC, Farley PC. Experimental inhalation injury with concomitant surface burn: dextran resuscitation improves lung water and oxygenation.
J Trauma 1990 Jul;30(7):813–8; discussion 818–9
Schenker S, Johnson RF, Hoyumpa AM, Henderson GI. Thiamine-transfer by human placenta: normal transport and effects of ethanol. J Lab Clin Med 1990 Jul; 116(1):106–15
Schenkman M see **Jeng SF**
Scher CS see **Gatell JA**
Scher KS, Peoples JB. A study of the on-duty hours of surgical residents. Surgery 1990 Aug;108(2):393–7; discussion 397–9
Scherbaum WA see **Bornstein SR**
Scherbenske JM see **Drabick JJ**
Scherrer U, Vissing SF, Morgan BJ, Rollins JA, Tindall RS, Ring S, Hanson P, Mohanty PK, Victor RG. Cyclosporine-induced sympathetic activation and hypertension after heart transplantation [see comments] N Engl J Med 1990 Sep 13;323(11):693–9. Comment in: N Engl J Med 1990 Sep 13;323(11):748–50.
Scherz HC see **Harrison CB**
Scherz HC, Kaplan GW, Sutherland DH, Packer MG. Fascia lata and early spica casting as adjuncts in closure of bladder exstrophy. J Urol 1990 Aug;144(2 Pt 2):550–3; discussion 562–3
Scherz S see **Studer UE**
Scheuer PJ see **Dusheiko GM**
Scheuer PJ see **Haratake J**
Scheurer S see **Dalton HJ**
Schidlow DV, Fiel SB. Life beyond pediatrics. Transition of chronically ill adolescents from pediatric to adult health care systems. Med Clin North Am 1990 Sep;74(5):1113–20 (13 ref.)
Schiebel FG see **Teba L**
Schiebler ML see **Gefter WB**
Schiff ER see **Reddy KR**
Schifferli JA see **Pascual M**
Schiffman FJ see **Siegel RD**
Schiffrin EL see **Parent A**
Schildkraut JM, Hulka BS, Wilkinson WE. Oral contraceptives and breast cancer: a case-control study with

hospital and community controls. Obstet Gynecol 1990 Sep;76(3 Pt 1):395–402
Schiller C see **Doi S**
Schiller NB see **Kircher BJ**
Schils J see **Piraino D**
Schlaepfer J see **Goy JJ**
Schlant RC. Thrombolytic therapy of patients with acute myocardial infarction [editorial; comment] JAMA 1990 Aug 8;264(6):738–9. Comment on: JAMA 1990 Aug 8;264(6):697–702.
Schlech WF 3d. Legionella and fountains [letter] Lancet 1990 Sep 1;336(8714):576
Schlegel PN see **Breadler CB**
Schleiffenbaum B, Moser R, Fehr J. A defect in chemotaxis from interleukin-2 [letter] N Engl J Med 1990 Sep 6; 323(10):682–3
Schlüter C see **Kretschmer C**
Schlüter M see **Kuck KH**
Schmaltz R see **Johnson JA**
Schmeling WT see **Pagel PS**
Schmidhuber B see **Saltuari L**
Schmidt B see **Di Sciullo A**
Schmidt C see **Andersen RM**
Schmidt DL see **Klose KJ**
Schmidt DR, Johns JP, Linville KW. Detection of intracavitary right ventricular polypoid masses due to metastatic lymphoma using contrast echocardiography. Am Heart J 1990 Aug;120(2):446–9
Schmidt GA see **Wylam ME**
Schmidt GH. Primary closure of split-thickness donor site [letter] Plast Reconstr Surg 1990 Sep;86(3):604
Schmidt J see **Mizutani AR**
Schmidt JA see **Rodan SB**
Schmidt JD see **Meaglia JP**
Schmidt JO see **Schumacher MJ**
Schmidt RA see **Bacchi CE**
Schmidt SH see **Spandow O**
Schmitt C, Sobel J, Meriwether C. Comparison of 0.8% and 1.6% terconazole cream in severe vulvovaginal candidiasis. Obstet Gynecol 1990 Sep;76(3 Pt 1):414–6
Schmitt FA see **Phillips BA**
Schmitt FC see **Bacchi CE**
Schmitz N see **Hiddemann W**
Schnebli HP see **Mast AE**
Schneider AW see **Huland E**
Schneider BS see **Mayerhoff DI**
Schneider E see **Lebel B**
Schneider FE see **Schneider RE**
Schneider M. Radiation exposure from fluoroscopy during orthopedic surgical procedures [letter] Clin Orthop 1990 Aug;(257):311–2
Schneider RE, Torres M, Solis C, Passarelli L, Schneider FE, Vettorazzi M. A simple method to detect Helicobacter pylori in gastric specimens. BMJ 1990 Jun 16; 300(6739):1559
Schneider S, Hoenig E, Reichenberger H, Abraham-Fuchs K, Moshage W, Oppelt A, Stefan H, Weikl A, Wirth A. Multichannel biomagnetic system for study of electrical activity in the brain and heart. Radiology 1990 Sep; 176(3):825–30
Schnell PO see **Grimfors G**
Schnell TG see **Sontag SJ**
Schnittman SM, Greenhouse JJ, Psallidopoulos MC, Baseler M, Salzman NP, Fauci AS, Lane HC. Increasing viral burden in CD4+ T cells from patients with human immunodeficiency virus (HIV) infection reflects rapidly progressive immunosuppression and clinical disease. Ann Intern Med 1990 Sep 15;113(6):438–43
Schnitzer F see **Taplin SH**
Schnitzer TJ see **Pincus T**
Schöber C see **Freund MR**
Schoeller DA see **Kushner RF**
Schoenberg B see **Snow BJ**
Schoenberger J see **Saunders E**
Schoenenberger RA, Haefeli WE, Weiss P, Ritz RF. Association of intravenous erythromycin and potentially fatal ventricular tachycardia with Q-T prolongation (torsades de pointes). BMJ 1990 May 26;300(6736):1375–6
Schoeppel C see **Ashraf HR**
Schoetz DJ Jr, Roberts PL, Murray JJ, Coller JA, Veidenheimer MC. Addition of parenteral cefoxitin to regimen of oral antibiotics for elective colorectal operations. A randomized prospective study. Ann Surg 1990 Aug;212(2):209–12
Schofield P see **Smyth RL**
Scholes JV see **Kotler DP**
Schomberg PJ see **Garton GR**
Schonk CM see **van Raaij JM**
Schoolfield JD see **Perkins HS**
Schöpf E see **Krutmann J**
Schorr AL. Job turnover—a problem with employer-based health care. N Engl J Med 1990 Aug 23;323(8):543–5
Schotte DE, Stunkard AJ. The effects of weight reduction on blood pressure in 301 obese patients. Arch Intern Med 1990 Aug;150(8):1701–4
Schraft WG see **Brandstetter RD**
Schraufnagel DE, Stoner R, Whiting E, Snukst-Torbeck G, Werhane MJ. Testing for isoniazid. An evaluation of the Arkansas method. Chest 1990 Aug;98(2):314–6
Schreiber TL, Macina G, Bunnell P, Tenney RD, McNulty A, Kikel M, Miller DH, Zola BE, Tracy R, Stump D. Unstable angina or non-Q wave infarction despite long-term aspirin: response to thrombolytic therapy with implications on mechanisms. Am Heart J 1990 Aug; 120(2):248–55
Schreinemakers H see **Miyoshi S**
Schreiner GF see **Rovin BH**
Schrem SS, Nachamie M, Weiss E. False positive signal-averaged electrocardiogram produced by atrial flutter. Am Heart J 1990 Sep;120(3):698–9
Schrem SS see **Tunick PA**
Schrezenmaier H see **Freund MR**
Schriger DL, Baraff LJ, Fink A. A comparison of implicit and explicit methods of process quality assurance for blunt trauma patients. Ann Emerg Med 1990 Jul;19(7):736–40
Schroeckenstein DC, Meier-Davis S, Bush RK. Occupational sensitivity to Tenebrio molitor Linnaeus (yellow mealworm). J Allergy Clin Immunol 1990 Aug;86(2):182–8
Schroeckenstein DC, Meier-Davis S, Yunginger JW, Bush RK. Allergens involved in occupational asthma caused by baby's breath (Gypsophila paniculata). J Allergy Clin Immunol 1990 Aug;86(2):189–93
Schroedter IC see **Robertson MC**
Schrohenloher RE see **Alarcón GS**
Schropp KP see **Wolf YG**
Schrott KM see **Hermanek P**
Schubert ML. Feedback regulation of pancreatic secretion. Gastroenterology 1990 Sep;99(3):890–1
Schubert W, Shons AR. Intraoperative tissue expansion for rhytidectomy [letter] Plast Reconstr Surg 1990 Sep; 86(3):603–4
Schuchat A, Oxtoby M, Cochi S, Sikes RK, Hightower A, Plikaytis B, Broome CV. Population-based risk factors for neonatal group B streptococcal disease: results of a cohort study in metropolitan Atlanta. J Infect Dis 1990 Sep; 162(3):672–7
Schuckit MA see **Irwin M**
Schueler S see **Pillai R**
Schuening FG, Storb R, Goehle S, Graham TC, Hackman R, Mori M, Souza LM, Appelbaum FR. Recombinant human granulocyte colony-stimulating factor accelerates hematopoietic recovery after DLA-identical littermate marrow transplants in dogs. Blood 1990 Aug 1;76(3):636–40
Schuknecht HF see **Oliveira CA**
Schüler S see **Regitz V**
Schuller DE see **Killeen RM**
Schulman BL see **Rubenstein LZ**
Schulman J, Selvin S, Shaw GM, Merrill D. Detection of excess disease near an exposure point: a case study. Arch Environ Health 1990 May-Jun;45(3):168–74
Schulman J see **Feigert JM**
Schulman K. Screening for colorectal cancer [letter] Ann Intern Med 1990 Aug 15;113(4):333–4
Schultz LR see **Levine SR**
Schultz WH see **Kinney TR**
Schulz G see **Ganser A**
Schulz JE see **Cikrit DF**
Schulz KF see **Sinei SK**
Schulz M see **Bauer K**
Schulze H see **Haupt G**
Schulze KF see **Kashyap S**
Schumacher LB see **Green JR**
Schumacher MJ, Schmidt JO, Egen NB, Lowry JE. Quantity, analysis, and lethality of European and Africanized honey bee venoms. Am J Trop Med Hyg 1990 Jul;43(1):79–86
Schumacher MJ see **Druce HM**
Schuman JS, Jacobson JJ, Puliafito CA, Noecker RJ, Reidy WT. Experimental use of semiconductor diode laser in contact transscleral cyclophotocoagulation in rabbits. Arch Ophthalmol 1990 Aug;108(8):1152–7
Schurawitzki H, Stiglbauer R, Graninger W, Herold C, Pölzleitner D, Burghuber OC, Tscholakoff D. Interstitial lung disease in progressive systemic sclerosis: high-resolution CT versus radiography. Radiology 1990 Sep;176(3):755–9
Schuss M see **Marx GF**
Schutz T see **Ferguson JE 2d**
Schutze MP see **Leclerc C**
Schutzer S see **Jasty M**
Schuurman HJ see **Parmentier HK**
Schved JF see **Gris JC**
Schwab K see **Ondra SL**
Schwabe D see **Rhee KJ**
Schwaiger M, Kalff V, Rosenspire K, Haka MS, Molina E, Hutchins GD, Deeb M, Wolfe E Jr, Wieland DM. Noninvasive evaluation of sympathetic nervous system in human heart by positron emission tomography [see comments] Circulation 1990 Aug;82(2):457–64. Comment in: Circulation 1990 Aug;82(2):646–8.
Schwartz AM see **Burks RT**
Schwartz B, Breiman RF. Pneumococcal immunization: from policy to practice [editorial; comment] JAMA 1990 Sep 5;264(9):1154–5. Comment on: JAMA 1990 Sep 5;264(9):1117–22.
Schwartz DJ see **Feliciano NR**
Schwartz E see **Cohen A**
Schwartz G see **Yassa R**
Schwartz HJ see **al-Mudallal R**
Schwartz J, Gold D, Dockery DW, Weiss ST, Speizer FE. Predictors of asthma and persistent wheeze in a national sample of children in the United States. Association with social class, perinatal events, and race. Am Rev Respir Dis 1990 Sep;142(3):555–62
Schwartz J see **Tuomanen E**
Schwartz JC see **Lefrançois P**
Schwartz KA see **Ryu T**
Schwartz L see **Spears JR**
Schwartz LH see **Lossef SV**
Schwartz M see **Nørby S**
Schwartz NB see **D'Agostino J**
Schwartz PE see **Kier R**
Schwartz WB, Mendelson DN. No evidence of an emerging physician surplus [letter] JAMA 1990 Aug 8;264(6):691
Schwarz LC see **Khalil N**
Schwarz SM, Gewitz MH, See CC, Berezin S, Glassman MS, Medow CM, Fish BC, Newman LJ. Enteral nutrition in infants with congenital heart disease and growth failure. Pediatrics 1990 Sep;86(3):368–73
Schwarz T see **Krutmann J**
Schweizer WP see **Baer HU**
Schwilden H, Stoeckel H. Effective therapeutic infusions produced by closed-loop feedback control of methohexital administration during total intravenous anesthesia with fentanyl. Anesthesiology 1990 Aug;73(2):225–9
Schyns MW see **Breumelhof R**
Scialdone AM. Thalamic hemorrhage imitating hyperventilation. Ann Emerg Med 1990 Jul;19(7):817–9
Sciales C see **Poh-Fitzpatrick MB**
Sciarra F see **Toscano V**
Sciutto E see **Larralde C**
Sclar ED. Homelessness and housing policy: a game of musical chairs [editorial; comment] Am J Public Health 1990 Sep;80(9):1039–40. Comment on: Am J Public Health 1990 Sep;80(9):1049–52.
Sclarovsky S see **Strasberg B**
Scoble JE, Havard CW. Anosmia and isolated ACTH deficiency following a road traffic accident. Case report. J Neurosurg 1990 Sep;73(3):453–4
Scognamiglio R, Fasoli G, Ponchia A, Dalla-Volta S. Long-term nifedipine unloading therapy in asymptomatic patients with chronic severe aortic regurgitation [see comments] J Am Coll Cardiol 1990 Aug;16(2):424–9. Comment in: J Am Coll Cardiol 1990 Aug;16(2):430–2.
Scotland SM see **Kleanthous H**
Scott AD, Henry MM, Phillips RK. Clinical assessment and anorectal manometry before postanal repair: failure to predict outcome. Br J Surg 1990 Jun;77(6):628–9
Scott DB. Topical lignocaine: toxic lignocaine [letter] Anaesthesia 1990 Jun;45(6):502
Scott DB see **Hibbard BM**
Scott DL, Huskisson EC. Assessing combination therapy in rheumatoid arthritis: treatment with sulphasalazine and penicillamine. Br J Rheumatol 1990 Aug;29(4):313–4
Scott J see **Otulana BA**
Scott JP see **Smyth RL**
Scott JR see **Branch DW**
Scott JV see **Mortimer EA Jr**
Scott LD see **Lowry PA**
Scott OC see **Balmukhanov SB**
Scott R see **Mufti GR**
Scott RM see **Hoke CH Jr**
Scott RW see **Pereira HA**
Scott SG, Mortimer D, Taylor PJ, Leader A, Pattinson HA. Therapeutic donor insemination with frozen semen. Can Med Assoc J 1990 Aug 15;143(4):273–8
Scott TV see **Panek WC**
Scoutt LM see **Kier R**
Scribner RG see **Tawes RL Jr**
Scrimgeour A see **Usherwood TP**
Sculley TB, Apolloni A, Hurren L, Moss DJ, Cooper DA. Coinfection with A- and B-type Epstein-Barr virus in human immunodeficiency virus-positive subjects. J Infect Dis 1990 Sep;162(3):643–8
Scully JM, Uno JM, McIntyre M, Mosely S. Radiation-induced prostatic sarcoma: a case report. J Urol 1990 Sep;144(3):746–8
Scully RE see **Korn WT**
Seacord LM, Miller LW, Pennington DG, McBride LR, Kern MJ. Reversal of constrictive/restrictive physiology with treatment of allograft rejection. Am Heart J 1990 Aug; 120(2):455–9
Seage GR see **Horsburgh CR Jr**
Sealy WC. Paradoxical hypertension after repair of coarctation of the aorta: a review of its causes. Ann Thorac Surg 1990 Aug;50(2):323–9 (101 ref.)
Sebag C see **Leclercq JF**
Sebban C see **Milpied N**
Sebes JI see **Farah MJ**
Secaf E see **Carrington BM**
Seckl JR see **Moisan MP**
Secor DL see **Vinters HV**
Secunda JA see **Murphy KG**
Sedel L, Kerboull L, Christel P, Meunier A, Witvoet J. Alumina-on-alumina hip replacement. Results and survivorship in young patients. J Bone Joint Surg [Br] 1990 Jul;72(4):658–63
Sedlack JD, Kenkel J, Czarapata BJ, Paul MG, Pahira JJ, Lee TC. Primary hyperparathyroidism in patients with renal stones. Surg Gynecol Obstet 1990 Sep;171(3):206–8
See CC see **Schwarz SM**
See WA, Taylor TO, Mack LA, Tartaglione TA, Opheim KE, Berger RE. Bacterial epididymitis in the rat: a model for assessing the impact of acute inflammation on epididymal antibiotic penetration. J Urol 1990 Sep;144(3):780–4
See WM see **Whitman GJ**
Seed LG see **Wilson BA**

Seery CM, Pruett RC, Liberfarb RM, Cohen BZ. Distinctive cataract in the Stickler syndrome. Am J Ophthalmol 1990 Aug 15;110(2):143–8
Segal I see **Gibson GR**
Segal IS see **Doze VA**
Segal K see **Kissileff HR**
Segal S, Lloyd T, Houts PS, Stillman PL, Jungas RL, Greer RB 3d. The association between students' research involvement in medical school and their postgraduate medical activities. Acad Med 1990 Aug;65(8):530–3
Segaloff DL see **Rodriguez MC**
Segar DS see **Brown SE**
Segars JH Jr see **Moore DE**
Segawa M see **Matsuki K**
Segest E. Judgment of alleged malpractice [letter] Lancet 1990 Aug 18;336(8712):444
Seghal SN see **Kalechman Y**
Segura I see **Saravia NG**
Segura JW see **Hill DE**
Sehested M see **Glenthøj A**
Sehgal PB see **Krutmann J**
Seibert CE. Nonionic vs ionic contrast media: corticosteroid pretreatment in a private practice [letter] AJR Am J Roentgenol 1990 Sep;155(3):652
Seidel CL see **Guyton JR**
Seidensticker F see **Leonhardt U**
Seidman RJ see **Kaufman LD**
Seif MW see **Graham RA**
Seigler HF see **Crowley NJ**
Seiler M see **Burns DN**
Seino H see **Satoh J**
Seino Y see **Koh G**
Seipelt G see **Ganser A**
Seitz HM see **Strohmaier WL**
Sekhar LN see **Sen CN**
Seki M see **Kobata T**
Seki S, Abo T, Masuda T, Ohteki T, Kanno A, Takeda K, Rikiishi H, Nagura H, Kumagai K. Identification of activated T cell receptor gamma delta lymphocytes in the liver of tumor-bearing hosts. J Clin Invest 1990 Aug; 86(2):409–15
Sekiguchi I see **Suzuki M**
Sekla L see **Taghi-Kilani R**
Selander J see **Brady K**
Selbst SM, Ruddy R, Clark BJ. Chest pain in children. Follow-up of patients previously reported. Clin Pediatr (Phila) 1990 Jul;29(7):374–7
Selby PJ see **Jones A**
Selderslaghs R see **Van Noyen R**
Selinger M see **Hill NC**
Sellin JH, DeSoignie R. Short-chain fatty acid absorption in rabbit colon in vitro. Gastroenterology 1990 Sep; 99(3):676–83
Sellin RV see **Samsan NA**
Sellke FW see **Quillen JE**
Sellner F. Investigations on the significance of the adenoma-carcinoma sequence in the small bowel. Cancer 1990 Aug 15;66(4):702–15 (272 ref.)
Sells JC see **Casey PH**
Selman E see **Montigny M**
Selman WR see **Arafah BM**
Selvin S see **Schulman J**
Selwa JF see **Levine SR**
Selwyn AP. Current technology in assessing painless and painful ischemia. Am Heart J 1990 Sep;120(3):722–5
Selwyn AP see **Nabel EG**
Semenkovich JW see **Lowry PA**
Semenzato G see **Agostini C**
Semeria R see **Olivieri I**
Semmence AM see **Morris JN**
Semple HC, Landers MB 3d, Morse LS. Optic disk neovascularization in juvenile rheumatoid arthritis. Am J Ophthalmol 1990 Aug 15;110(2):210–2
Semple HC see **Landers MB 3d**
Sempos CT see **Lewis CJ**
Semrad CE, Cragoe EJ Jr, Chang EB. Inhibition of Na/H exchange in avian intestine by atrial natriuretic factor. J Clin Invest 1990 Aug;86(2):585–91
Semrud-Clikeman M see **Hynd GW**
Sen CN, Sekhar LN. The subtemporal and preauricular infratemporal approach to intradural structures ventral to the brain stem. J Neurosurg 1990 Sep;73(3):345–54
Sen R see **Mauxion F**
Sen Y see **Morioka M**
Senaldi E, Lee MH, Toth I, Grace W. Hodgkin's disease after non-Hodgkin's malignant lymphoma in acquired immune deficiency syndrome. Cancer 1990 Sep 1;66(5):960–4
Senard JM, Barbe P, Estan L, Guimbaud R, Louvet JP, Berlan M, Tran MA, Montastruc JL. Decreased high affinity state in platelet alpha 2-adrenoceptors from diabetic patients with orthostatic hypotension. J Clin Endocrinol Metab 1990 Aug;71(2):311–7
Senard JM see **Rascol O**
Sener RN, Farmaka H, Ozaksoy D. Midline cyst of the prostate [letter] AJR Am J Roentgenol 1990 Sep; 155(3):656–7
Senesi C see **Matucci-Cerinic M**
Senge T see **Haupt G**
Senkowsky J see **Garcia R**
Senneff MJ see **Geltman EM**
Sennerby L see **Olmarker K**
Senneville E see **Leroy O**
Sens DA see **Bylander JE**
Seo JW see **Im JG**
Serafin D see **Axelrod M**
Serchuk L see **Sprecher S**
Serjeant GR see **Readett DR**
Serlovsky R see **Sontag SJ**
Serota H see **Hilton TC**
Serpell JW see **Johnson CD**
Serper MR see **Harvey PD**
Serrano J, Shuldiner AR, Roberts CT Jr, LeRoith D, de Pablo F. The insulin-like growth factor I (IGF-I) gene is expressed in chick embryos during early organogenesis. Endocrinology 1990 Sep;127(3):1547–9
Serrao JM see **Edwards M**
Serruys PW see **Laarman G**
Serruys PW see **Suryapranata H**
Sert MB. Role of hormones in cervical ripening [letter] Am J Obstet Gynecol 1990 Aug;163(2):705–7
Serusclat P see **Khalfallah Y**
Sessions DG see **Byrne MN**
Sessler DI, Moayeri A. Skin-surface warming: heat flux and central temperature. Anesthesiology 1990 Aug; 73(2):218–24
Sesterhenn I see **Rushton HG**
Sethabutr O, Unicomb LE, Holmes IH, Taylor DN, Bishop RF, Echeverria P. Serotyping of human group A rotavirus with oligonucleotide probes. J Infect Dis 1990 Aug; 162(2):368–72
Sethi KK. Application of immunoblotting to detect soluble Pneumocystis carinii antigen(s) in bronchoalveolar lavage of patients with Pneumocystis pneumonia and AIDS. J Clin Pathol 1990 Jul;43(7):584–6
Seto P see **Nagayama Y**
Setogawa T see **Yamamoto Y**
Sever JL. The importance of considering clinical usefulness in the evaluation of medical laboratory tests [letter] Am J Obstet Gynecol 1990 Aug;163(2):678–9
Sever PS see **Shahi M**
Severn AM, Khwaja HT. Analgesia after haemorrhoidectomy [letter] Anaesthesia 1990 Jul;45(7):597–8
Sexter MS see **Belker AM**
Sexton DJ, King G, Dwyer B. Fatal Queensland tick typhus [letter] J Infect Dis 1990 Sep;162(3):779–80
Sexton JD, Ruebush TK 2d, Brandling-Bennett AD, Breman JG, Roberts JM, Odera JS, Were JB. Permethrin-impregnated curtains and bed-nets prevent malaria in western Kenya. Am J Trop Med Hyg 1990 Jul; 43(1):11–8
Sexton JE see **Perkins KA**
Sexton JO see **Eagle KA**
Seymour DG, Elder GH, Fryer A, Jacobs A, Williams GT. Porphyria cutanea tarda and haemochromatosis: a family study. Gut 1990 Jun;31(6):719–21
Seymour R see **Jenike MA**
Shackford SR see **Crum RL**
Shackford SR, Walsh JC, Davis JW. The effects of aortic crossclamping and resuscitation on intracranial pressure, cerebral blood flow, and cerebral water content in a model of focal brain injury and hemorrhagic shock. J Trauma 1990 Jul;30(7):768–74; discussion 774–5
Shackleton C see **Carpenter TO**
Shackney SE see **Palko MJ**
Shadduck JA, Meccoli RA, Davis R, Font RL. Isolation of a microsporidian from a human patient. J Infect Dis 1990 Sep;162(3):773–6
Shaddy RE, Boucek MM, Sturtevant JE, Ruttenberg HD, Orsmond GS. Gradient reduction, aortic valve regurgitation and prolapse after balloon aortic valvuloplasty in 32 consecutive patients with congenital aortic stenosis [see comments] J Am Coll Cardiol 1990 Aug; 16(2):451–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):457–8.
Shaer C see **Cohen RA**
Shafer SL see **Maitre PO**
Shafer WM see **Pereira HA**
Shaffer K, Pugatch RD, Sugarbaker DJ. Primary mediastinal leiomyoma. Ann Thorac Surg 1990 Aug;50(2):301–2
Shah AG see **Turnlund JR**
Shah B see **Berman SM**
Shah D see **Jeanty P**
Shah GV see **Crowley WR**
Shah GV, Kennedy D, Dockter ME, Crowley WR. Calcitonin inhibits thyrotropin-releasing hormone-induced increases in cytosolic Ca2+ in isolated rat anterior pituitary cells. Endocrinology 1990 Aug;127(2):613–20
Shah GV, Wang W, Grosvenor CE, Crowley WR. Calcitonin inhibits basal and thyrotropin-releasing hormone-induced release of prolactin from anterior pituitary cells: evidence for a selective action exerted proximal to secretagogue-induced increases in cytosolic Ca2+. Endocrinology 1990 Aug;127(2):621–8
Shah LF see **Gephardt GN**
Shah NG see **Bhatavdekar JM**
Shah P, Ramakantan R. Tuberculosis of the patella. Br J Radiol 1990 May;63(749):363–4
Shah PM see **Feinstein SB**
Shah PM see **Pai RG**
Shahani BT see **Ropper AH**
Shahed M see **al Kasab SM**
Shahi M, Thom S, Poulter N, Sever PS, Foale RA. Regression of hypertensive left ventricular hypertrophy and left ventricular diastolic function. Lancet 1990 Aug 25; 336(8713):458–61
Shallcross TM, Wyatt JI, Rathbone BJ, Heatley RV. Non-steroidal anti-inflammatory drugs, hiatus hernia, and Helicobacter pylori, in patients with oesophageal ulceration. Br J Rheumatol 1990 Aug;29(4):288–90
Shamaskin A see **Wiener M**
Shamoo DA see **Avol EL**
Shampo MA, Kyle RA. Medical symbols: the caduceus. Mayo Clin Proc 1990 Aug;65(8):1159
Shampo MA, Kyle RA. Medical symbols: Shou. Mayo Clin Proc 1990 Jul;65(7):990
Shanahan F see **Saxon A**
Shank B see **Ryu J**
Shank FR. Issues of inspection and safety of seafood examined [letter] J Am Diet Assoc 1990 Aug;90(8):1054–5
Shanklin DR see **Barton JR**
Shanks JM. Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the private sector. J Clin Pathol 1990 Jul;43(7):525–6
Shannon FB, Moore M, Houkom JA, Waecker NJ Jr. Multifocal cystic tuberculosis of bone. Report of a case. J Bone Joint Surg [Am] 1990 Aug;72(7):1089–92
Shanon A, Feldman W. Methodologic limitations in the literature on vesicoureteral reflux: a critical review. J Pediatr 1990 Aug;117(2 Pt 1):171–8
Shapira N, Zabatino SM, Ahmed S, Murphy DM, Sullivan D, Lemole GM. Determinants of pulmonary function in patients undergoing coronary bypass operations. Ann Thorac Surg 1990 Aug;50(2):268–73
Shapiro AD see **Roos KL**
Shapiro AP see **Steen VD**
Shapiro CN see **Shaw FE Jr**
Shapiro E. Embryologic development of the prostate. Insights into the etiology and treatment of benign prostatic hyperplasia. Urol Clin North Am 1990 Aug;17(3):487–93 (64 ref.)
Shapiro ET see **O'Meara NM**
Shapiro LE see **Halperin Y**
Shapiro M see **Rosato FE**
Shapiro MJ, Minor CB Jr, Keegan M. Usefulness of an antireflux valve in the intensive care unit. Crit Care Med 1990 Aug;18(8):878–9
Shapiro RS see **Katz A**
Sharbrough FW see **Cascino GD**
Share JC, Lebowitz RL. The unsuspected double collecting system on imaging studies and at cystoscopy. AJR Am J Roentgenol 1990 Sep;155(3):561–4
Sharefkin JB see **Brown JM**
Sharfstein SS. Utilization management: managed or mangled psychiatric care? [editorial] Am J Psychiatry 1990 Aug; 147(8):965–6
Sharkis SJ, Jones RJ, Bellis ML, Demetri GD, Griffin JD, Civin C, May WS. The action of bryostatin on normal human hematopoietic progenitors is mediated by accessory cell release of growth factors. Blood 1990 Aug 15; 76(4):716–20
Sharma AK see **Britland ST**
Sharma BK see **Bali HK**
Sharma HL see **Flower MA**
Sharma OP. Sarcoidosis. Dis Mon 1990 Sep;36(9):469–535 (188 ref.)
Sharma S see **Bahl VK**
Sharples K see **Arrigo S**
Shatney CH see **Sprung CL**
Shaughnessy MA see **Grammer LC**
Shaw BA, Kasser JR. Acute septic arthritis in infancy and childhood. Clin Orthop 1990 Aug;(257):212–25 (97 ref.)
Shaw DE see **Moseley MJ**
Shaw EG see **Garton GR**
Shaw FE Jr, Shapiro CN, Welty TK, Dill W, Reddington J, Hadler SC. Hepatitis transmission among the Sioux Indians of South Dakota. Am J Public Health 1990 Sep; 80(9):1091–4
Shaw GM see **Lipka JJ**
Shaw GM see **Schulman J**
Shaw JC see **Midgley PC**
Shaw JH, Rumball EM. Complications and local recurrence following lymphadenectomy. Br J Surg 1990 Jul; 77(7):760–4
Shaw JH see **Douglas RG**
Shaw M see **Mimura T**
Shaw MA see **Baumann G**
Shaw P see **Whitear P**
Shaw RA, Crane J, O'Donnell TV. Prevalence of asthma in children [letter] BMJ 1990 Jun 23;300(6740):1652–3
Shawl FA, Velasco CE, Goldbaum TS, Forman MB. Effect of coronary angioplasty on electrocardiographic changes in patients with unstable angina secondary to left anterior descending coronary artery disease. J Am Coll Cardiol 1990 Aug;16(2):325–31
Shay LE see **Pluda JM**
Shaywitz BA see **Goldstein JM**
Shaywitz BA see **Shaywitz SE**
Shaywitz SE, Shaywitz BA, Fletcher JM, Escobar MD. Prevalence of reading disability in boys and girls. Results of the Connecticut Longitudinal Study. JAMA 1990 Aug 22-29;264(8):998–1002
Shea JA, Norcini JJ, Benson JA Jr. Performances of U.S. osteopathic and Canadian medical school graduates on the American Board of Internal Medicine Certifying Examinations, 1984–1988. Acad Med 1990 Aug;65(8):523–6

Shea S see **Gutin B**
Sheagren JN see **Sprung CL**
Shear CL see **Laties AM**
Shearer GM see **Muluk SC**
Shearer MH, Lanford RL, Kennedy RC. Monoclonal anti-idiotypic antibodies induce humoral immune responses specific for simian virus 40 large tumor antigen in mice. J Immunol 1990 Aug 1;145(3):932–9
Sheean LA see **Gorodeski GI**
Sheehan JP, Ulchaker MM, Doershuk CF, Stern RC, Amini SB. Diet, cystic fibrosis, and diabetes: making friends with the perfect enemy [letter] Lancet 1990 Aug 25; 336(8713):501
Shefner R, Mayer R, Kaushik A, D'Eustachio P, Bona C, Diamond B. Identification of a new V kappa gene family that is highly expressed in hybridomas from an autoimmune mouse strain. J Immunol 1990 Sep 1;145(5):1609–14
Sheih CP, Hung CS, Wei CF, Lin CY. Cystic dilatations within the pelvis in patients with ipsilateral renal agenesis or dysplasia. J Urol 1990 Aug;144(2 Pt 1):324–7
Sheikh KH see **Davidson CJ**
Sheikh KH see **Ungerleider RM**
Sheikh KH see **Weissler AM**
Sheinfeld J, Cordon-Cardo C, Fair WR, Wartinger DD, Rabinowitz R. Association of type 1 blood group antigens with urinary tract infections in children with genitourinary structural abnormalities. J Urol 1990 Aug;144(2 Pt 2):469–73; discussion 474
Shekitka KM see **Burke AP**
Shelanski S see **Olson R**
Sheldon CA, McLorie GA, Khoury A, Churchill BM. Duplicate bladder exstrophy: a new variant of clinical and embryological significance. J Urol 1990 Aug;144(2 Pt 1):334–6
Shell WE. Silent ischemia: to treat or not. Am Heart J 1990 Sep;120(3):766–8; discussion 769–72
Shellock FG see **Kanal E**
Shelton L see **Leonor MQ**
Shelton ME, Dence CS, Hwang DR, Herrero P, Welch MJ, Bergmann SR. In vivo delineation of myocardial hypoxia during coronary occlusion using fluorine-18 fluoromisonidazole and positron emission tomography: a potential approach for identification of jeopardized myocardium [see comments] J Am Coll Cardiol 1990 Aug; 16(2):477–85. Comment in: J Am Coll Cardiol 1990 Aug;16(2):486–8.
Shembesh AH see **Ben-Musa AA**
Shemin RJ see **Lazar HL**
Shen A see **Wood D**
Shen EN. Propafenone: a promising new antiarrhythmic agent. Chest 1990 Aug;98(2):434–41 (65 ref.)
Shen L see **Connor RI**
Shepard AD see **Reddy DJ**
Shepard TH see **Droste S**
Shephard EG, Anderson R, Rosen O, Myer MS, Fridkin M, Strachan AF, De Beer FC. Peptides generated from C-reactive protein by a neutrophil membrane protease. Amino acid sequence and effects of peptides on neutrophil oxidative metabolism and chemotaxis. J Immunol 1990 Sep 1;145(5):1469–76
Shepherd J see **Taskinen MR**
Shepherd JH see **van Dam PA**
Shepherd JH see **Whitaker SJ**
Shepherd VL, Abdolrasulnia R, Garrett M, Cowan HB. Down-regulation of mannose receptor activity in macrophages after treatment with lipopolysaccharide and phorbol esters. J Immunol 1990 Sep 1;145(5):1530–6
Sheppard HW see **Ascher MS**
Sheps DS, Herbst MC, Hinderliter AL, Adams KF, Ekelund LG, O'Neil JJ, Goldstein GM, Bromberg PA, Dalton JL, Ballenger MN, et al. Production of arrhythmias by elevated carboxyhemoglobin in patients with coronary artery disease [see comments] Ann Intern Med 1990 Sep 1;113(5):343–51 . Comment in: Ann Intern Med 1990 Sep 1;113(5):337–8.
Sheps SB see **Gibson DL**
Sherbany A see **Steinschneider M**
Sherbotie JR see **DiCarlo JV**
Sherck JP see **Oakes DD**
Sherer DM. Treatment of cervical pregnancy with methotrexate [letter] Am J Obstet Gynecol 1990 Aug; 163(2):693–4
el-Sherif N see **Habbab MA**
Sherman BW, Hamilton C. Relationship of visceral proteins to nutritional status in chronic and acute stress [letter] Crit Care Med 1990 Aug;18(8):898–9
Sherman DG see **Brey RL**
Sherman IA see **Boyd AJ**
Sherman ME, Mark EJ. Effusion cytology in the diagnosis of malignant epithelioid and biphasic pleural mesothelioma. Arch Pathol Lab Med 1990 Aug;114(8):845–51
Sherman MF see **Podesta L**
Sherman SS, Hollis BW, Tobin JD. Vitamin D status and related parameters in a healthy population: the effects of age, sex, and season. J Clin Endocrinol Metab 1990 Aug; 71(2):405–13
Sherman W see **Hjemdahl-Monsen CE**
Shero M see **Apicella MA**
Sheron N, Lau JY, Daniels HM, Webster J, Eddleston AL, Alexander GJ, Williams R. Tumour necrosis factor to treat chronic hepatitis B virus infection [letter] Lancet 1990 Aug 4;336(8710):321–2
Sheth NA see **Charak BS**
Sheth P see **Melki J**
Shettles LB. How sperm commence movement and their isolation for in vitro fertilization and sex selection [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):270
Shewring DJ, Rushforth GF. A bizarre postoperative wound infection. BMJ 1990 Jun 16;300(6739):1557
Shibamoto Y, Tsutsui K, Dodo Y, Yamabe H, Shima N, Abe M. Improved survival rate in primary intracranial lymphoma treated by high-dose radiation and systemic vincristine-doxorubicin-cyclophosphamide-prednisolone chemotherapy. Cancer 1990 May 1;65(9):1907–12
Shields JA see **Catalano RA**
Shields TG see **Cross SJ**
Shifrin S see **Doi S**
Shigematsu N see **Aizawa H**
Shigeta Y see **Nishio Y**
Shii K see **Hatamori N**
Shiina S, Tagawa K, Unuma T, Fujino H, Uta Y, Hata Y, Niwa Y, Shiratori Y, Terano A, Sugimoto T. Percutaneous ethanol injection therapy for neoplasms located on the surface of the liver. AJR Am J Roentgenol 1990 Sep; 155(3):507–9
Shikanai-Yasuda MA see **Giannini MJ**
Shikita M see **Tanikawa S**
Shiku H see **Mori O**
Shima N see **Shibamoto Y**
Shimada Y see **Ohshio G**
Shimahara Y see **Kumada K**
Shimao S see **Mihara M**
Shimizu Z see **Aizawa T**
Shimokama T see **Abe M**
Shimpo K see **Winter WE**
Shimshak TM see **Kahn JK**
Shindo K see **Tarao K**
Shinebourne EA see **Bush A**
Shinohara T see **de Smet MD**
Shintani S see **Satoh J**
Shinzato M see **Kolb H**
Shiokawa Y see **Yonenaga K**
Shiotani T see **Fujita J**
Shiozaki H see **Yamaguchi Y**
Shipley ME see **Bamji AN**
Shirabe K see **Matsumata T**
Shiraishi M see **Abe S**
Shirakami G see **Itoh H**
Shirakami G see **Mukoyama M**
Shirakawa K see **Izumi H**
Shiraki M see **Borden EC**
Shiratori Y see **Shiina S**
Shirey TL see **Kost GJ**
Shivaram I see **Shivaram U**
Shivaram U, Shivaram I, Cash M. Acquired tracheobronchomegaly resulting in severe respiratory failure. Chest 1990 Aug;98(2):491–2
Shmerling RH, Delbanco TL, Tosteson AN, Trentham DE. Synovial fluid tests. What should be ordered? JAMA 1990 Aug 22-29;264(8):1009–14
Shochina M see **Elidan J**
Shoemaker WC. Was a magic bullet aimed in the right direction? [editorial; comment] Chest 1990 Aug;98(2):257 . Comment on: Chest 1990 Aug;98(2):405–10.
Shoenfeld R see **Eisenbud DE**
Shohat M, Gruber HE, Pagon RA, Witcoff LJ, Lachman R, Ferry D, Flaum E, Rimoin DL. Geleophysic dysplasia: a storage disorder affecting the skin, bone, liver, heart, and trachea. J Pediatr 1990 Aug;117(2 Pt 1):227–32
Shoji H see **Hirokawa S**
Shoji T see **Miyachi Y**
Sholomskas AJ. Mania in a panic disorder patient treated with fluoxetine [letter] Am J Psychiatry 1990 Aug; 147(8):1090–1
Shono T, Okadome K, Naritomi G, Suita S. Raynaud's disease in childhood with radiological features. Br J Radiol 1990 May;63(749):364–6
Shons AR see **Schubert W**
Shook EL see **Fernandez JA**
Shore DF see **Sreeram N**
Shore M see **Klees JE**
Short HD. Paraplegia associated with the use of oxidized cellulose in posterolateral thoracotomy incisions [see comments] Ann Thorac Surg 1990 Aug;50(2):288–9; discussion 290. Comment in: Ann Thorac Surg 1990 Aug;50(2):178.
Shortland G see **Jackson SK**
Shorty V see **Lee HH**
Shorvon PJ. Dyspepsia in general practice [letter] BMJ 1990 Jul 7;301(6742):46
Shou J see **Lieberman MD**
Shrader AK see **Huang KC**
Shrader CE see **Weinreb RN**
Shrivastava S see **Dev V**
Shu G see **Clark EA**
Shukla MK see **Bhatavdekar JM**
Shuldiner AR see **Serrano J**
Shulgin AT see **Jacob P 3d**
Shulkin DJ, DeTore AW. When laboratory tests are abnormal and the patient feels fine. Hosp Pract [Off] 1990 Jul 15; 25(7):85–6, 89–90, 92
Shulman RG see **David M**
Shultz KL see **Tennent BJ**
Shum L see **Feliciano NR**
Shuman SK. A physician's guide to coordinating oral health and primary care. Geriatrics 1990 Aug;45(8):47–51, 54, 57 (17 ref.)
Shuman WP see **Liddell RM**
Shuster J see **Crist W**
Shuster JJ see **Pui CH**
Shuttleworth D see **Capewell S**
Shy KK see **Greer BE**
Siahamis G see **Thomas D**
Sibai BM see **Barton JR**
Sibbald WJ see **Andrews WR**
Sibley SD see **Solomon SS**
Siconolfi-Baez L see **Gabbay RA**
Sicuranza B see **Bardeguez A**
Sidawy AN, Termanini B, Nardi RV, Harmon JW, Korman LY. Insulin-like growth factor I receptors in the arteries of the rabbit: autoradiographic mapping and receptor characterization. Surgery 1990 Aug;108(2):165–70; discussion 170–1
Sidney S see **Wagenknecht LE**
Sidoti J see **Brissow H**
Sie-Go DM see **Parmentier HK**
Siedlak S see **Cras P**
Siedlak S see **Galloway PG**
Siefkin AD see **Chan AL**
Siegel MJ see **Molina PL**
Siegel RD, Schiffman FJ. Systemic toxicity following intracavitary administration of bleomycin. Chest 1990 Aug; 98(2):507
Siegel RJ see **Hong AS**
Siegel SC see **Mahan C**
Siegelman M see **van de Rijn M**
Sieger JE see **Allen DB**
Sigal R, Krief O, Houtteville JP, Halimi P, Doyon D, Pariente D. Occult cerebrovascular malformations: follow-up with MR imaging. Radiology 1990 Sep;176(3):815–9
Sigel MM see **Guo H**
Sigfusson A see **Bardardottir E**
Signy M see **Lloyd P**
Sigwart U. Percutaneous transluminal coronary angioplasty: what next? [editorial] Br Heart J 1990 Jun;63(6):321–2
Siimes MA see **Mäkinen L**
Sikes RK see **Schuchat A**
Sikka SC see **Pascual JA**
Silbergeld DL see **Laohaprasit V**
Silberman L. Quality assurance in obstetrics: a model. Obstet Gynecol 1990 Sep;76(3 Pt 1):466–70
Silberstein DS see **Hayes DF**
Silk D see **Payne-James J**
Silk KR see **Ogata SN**
Silka MJ, Kron J, Walance CG, Cutler JE, McAnulty JH. Assessment and follow-up of pediatric survivors of sudden cardiac death [see comments] Circulation 1990 Aug; 82(2):341–9. Comment in: Circulation 1990 Aug;82(2):629–32.
Silman AJ see **Hazes JM**
Silva AT, Bayston KF, Cohen J. Prophylactic and therapeutic effects of a monoclonal antibody to tumor necrosis factor-alpha in experimental gram-negative shock. J Infect Dis 1990 Aug;162(2):421–7
Silva AT, Appelmelk BJ, Buurman WA, Bayston KF, Cohen J. Monoclonal antibody to endotoxin core protects mice from Escherichia coli sepsis by a mechanism independent of tumor necrosis factor and interleukin-6. J Infect Dis 1990 Aug;162(2):454–9
Silva JE see **Balzano S**
Silver B see **Bisceglia M**
Silver HM, Gibbs RS, Gray BM, Dillon HC. Risk factors for perinatal group B streptococcal disease after amniotic fluid colonization. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):19–25
Silver L see **Atar D**
Silver P see **Levinson DF**
Silver RT. A new treatment for polycythemia vera: recombinant interferon alfa. Blood 1990 Aug 15;76(4):664–5
Silver SM see **Fishel RS**
Silvera M see **Friedman E**
Silverberg M see **Poh-Fitzpatrick MB**
Silverberg SG see **Fukunaga M**
Silverman HJ, Slotman G, Bone RC, Maunder R, Hyers TM, Kerstein MD, Ursprung JJ. Effects of prostaglandin E1 on oxygen delivery and consumption in patients with the adult respiratory distress syndrome. Results from the prostaglandin E1 multicenter trial. The Prostaglandin E1 Study Group [see comments] Chest 1990 Aug;98(2):405–10 . Comment in: Chest 1990 Aug;98(2):257.
Silverman M see **Cameron D**
Silverman NH see **Cassidy SC**
Silverman NH see **Roberson DA**
Silverman PR see **Feinstein SB**
Silverman SM, Culling RD, Middaugh RE. Rapid-sequence orotracheal intubation: a comparison of three techniques. Anesthesiology 1990 Aug;73(2):244–8
Silvestre RA see **Miralles P**
Simani PM see **Gilks CF**
Simard J see **Dupont E**
Simjee AE see **Ravdin JI**
Simmons M see **Clements PJ**
Simmons PS see **Van Winter JT**
Simmons RB see **Wilson LA**
Simmons RL see **Dowling RD**
Simms HH, D'Amico R, Burchard K. Untreated intra-abdominal sepsis: lack of synergism between

polymorphonuclear leukocyte (PMN) complement receptors CR1/CR3 and IgG receptor FcRIII. J Trauma 1990 Aug;30(8):1027–31
Simms MH see **Hickey NC**
Simms T see **Hoke CH Jr**
Simon C see **Muff R**
Simon F see **Perronne C**
Simon GE see **Sparks PJ**
Simon GL see **Hsia J**
Simon HK. A year in retrospect (pediatric training) [letter] Pediatrics 1990 Sep;86(3):488
Simon LJ see **Geller JL**
Simon M see **McCann J**
Simon PL see **Ligumsky M**
Simon R see **Gulba DC**
Simon SB see **Kalbfleisch SJ**
Simonson DC. Effects of glyburide on in vivo insulin-mediated glucose disposal. Am J Med 1990 Aug 20;89(2A):44S–50S; discussion 51S–53S
Simpkins JW see **Ratka A**
Simpson ER see **Lephart ED**
Simpson GM see **Levinson DF**
Simpson JG see **McKinnon AD**
Simpson JR see **Michalski JM**
Simpson PM see **Purcell KG**
Sims PA see **Mortel KF**
Simsa J. Device to maintain the position of a 29-gauge spinal needle [letter] Anaesthesia 1990 Jul;45(7):593–4
Simsolo RB see **Perelstein EM**
Sinak LJ see **Clements IP**
Sincich C see **LaPolt PS**
Sinclair HD see **Wilkinson LS**
Sinclair IN see **Spears JR**
Sinclair K see **Wakefield AE**
Sinclair L, Preston TD. Sodium and potassium intake and blood pressure change in childhood [letter] BMJ 1990 May 26;300(6736):1397
Sindelar J see **Horwitz RI**
Sindet-Pedersen S see **Westermark AH**
Sinei SK, Schulz KF, Lamptey PR, Grimes DA, Mati JK, Rosenthal SM, Rosenberg MJ, Riara G, Njage PN, Bhullar VB, et al. Preventing IUCD-related pelvic infection: the efficacy of prophylactic doxycycline at insertion. Br J Obstet Gynaecol 1990 May;97(5):412–9
Singer DR see **Cappuccio FP**
Singer FR see **Kraenzlin ME**
Singer JW see **Bianco JA**
Singer K see **Beresford TP**
Singer MV see **Holtmann G**
Singer RM see **Aziz W**
Singh B. Bilateral choanal atresia: key to success with the transnasal approach. J Laryngol Otol 1990 Jun;104(6):482–4
Singh H see **Ben-Musa AA**
Singh H see **Levinson DF**
Singh H see **Strock LL**
Singh RN see **Haro LS**
Singh SM, Longmire WP Jr, Reber HA. Surgical palliation for pancreatic cancer. The UCLA experience. Ann Surg 1990 Aug;212(2):132–9
Singh TM, Kadowaki MH, Glagov S, Zarins CK. Role of fibrinopeptide B in early atherosclerotic lesion formation. Am J Surg 1990 Aug;160(2):156–9
Singh VK see **de Smet MD**
Singh VR, Raad I. Fatal Staphylococcus saprophyticus native valve endocarditis in an intravenous drug addict [letter] J Infect Dis 1990 Sep;162(3):783–4
Singleton JA see **Lindan CP**
Sinofsky EL see **Spears JR**
Siostrzonek P see **Base W**
Sipe F see **Oldham SB**
Sippel JE, Girgis NI. Throat culture from patients with meningococcal meningitis [letter] J Clin Pathol 1990 Jul; 43(7):610–1
Sirchia G see **Bellobuono A**
Siriwardena A. Research in surgery: comparison of British and American practice [letter] Lancet 1990 Aug 18; 336(8712):444
Sirois J, Fortune JE. Lengthening the bovine estrous cycle with low levels of exogenous progesterone: a model for studying ovarian follicular dominance. Endocrinology 1990 Aug;127(2):916–25
Siroky MB. Interpretation of urinary flow rates. Urol Clin North Am 1990 Aug;17(3):537–42 (16 ref.)
Siroky MB see **Vardi Y**
Siskind GW see **Baum CG**
Sissman NJ. Atrioventricular septal defect correction caveats [letter] Am J Dis Child 1990 Aug;144(8):849–50
Sisson DV see **Panter KE**
Sitges-Serra A see **Oms L**
Sitton JE see **Reimund EL**
Sitzmann JV see **Klein AS**
Sivan Y, Deakers TW, Newth CJ. Thoracoabdominal asynchrony in acute upper airway obstruction in small children. Am Rev Respir Dis 1990 Sep;142(3):540–4
Sivertson KT see **Kelen GD**
Siviero F see **Agostini C**
Sivin I. Long-term use of copper intrauterine devices [letter] Lancet 1990 Aug 25;336(8713):504
Siwek J. We need more family physicians like Dr. S. Am Fam Physician 1990 Aug;42(2):299
Sixt R see **Krantz I**
Skarin AT see **Licht JD**
Skassa-Brociek W see **Bousquet J**
Skates SJ see **Eagle KA**
Skelos A see **Mittelman A**
Skene AI, Bulman AS, Williams TR, Thomas JM, Westbury G. Hyperthermic isolated perfusion with melphalan in the treatment of advanced malignant melanoma of the lower limb. Br J Surg 1990 Jul;77(7):765–7
Skene AI, Gault DT, Woodhouse CR, Breach NM, Thomas JM. Perineal, vulval and vaginoperineal reconstruction using the rectus abdominis myocutaneous flap. Br J Surg 1990 Jun;77(6):635–7
Skerhut HE see **Tullous MW**
Skibinski B see **DiVeta J**
Skilogiannis J see **Ravdin JI**
Skinner DG see **Malkowicz SB**
Skinner GR. Porton International and a herpes vaccine [letter] BMJ 1990 Jun 16;300(6739):1583–4
Skinner M see **Cohen AS**
Skinner R, Pearson AD, Price L, Coulthard MG, Craft AW. Nephrotoxicity after ifosfamide. Arch Dis Child 1990 Jul; 65(7):732–8
Skipper RP, Boeckman CR, Klein RL. Childhood intussusception. Surg Gynecol Obstet 1990 Aug; 171(2):151–3
Skjonsby BS see **Hawkins JL**
Skodol AE see **Hyler SE**
Skogseid B see **Eriksson B**
Skolnick A. Religious exemptions to child neglect laws still being passed despite convictions of parents [news] JAMA 1990 Sep 12;264(10):1226, 1229, 1233
Skolnick A. New York law requires treatment of some but not all hepatitis B-exposed newborns [news] JAMA 1990 Sep 12;264(10):1234
Skoner DP, Fireman P, Caliguiri L, Davis H. Plasma elevations of histamine and a prostaglandin metabolite in acute bronchiolitis. Am Rev Respir Dis 1990 Aug; 142(2):359–64
Skornik WA, Brain JD. Effect of sulfur dioxide on pulmonary macrophage endocytosis at rest and during exercise. Am Rev Respir Dis 1990 Sep;142(3):655–9
Slade AK, John RM, Swanton RH. Pseudoxanthoma elasticum presenting with myocardial infarction. Br Heart J 1990 Jun;63(6):372–3
Slade S see **Mills MS**
Sladek CD see **Yagil C**
Slater NG see **Majumdar G**
Slater PE. Postoutbreak polio vaccination policy in Israel [letter] Am J Dis Child 1990 Aug;144(8):850–1
Slavin SA, Goldwyn RM. The cocaine user: the potential problem patient for rhinoplasty. Plast Reconstr Surg 1990 Sep;86(3):436–42
Slavis SA, Hodge EE, Novick AC, Maatman T. Surgical treatment for isolated dissection of the renal artery. J Urol 1990 Aug;144(2 Pt 1):233–7
Slebos RJ, Kibbelaar RE, Dalesio O, Kooistra A, Stam J, Meijer CJ, Wagenaar SS, Vanderschueren RG, van Zandwijk N, Moot WJ, et al. K-ras oncogene activation as a prognostic marker in adenocarcinoma of the lung. N Engl J Med 1990 Aug 30;323(9):561–5
Sledge CB see **Harris WH**
Sledge CB see **Wright J**
Sleiman C, Mal H, Andreassian B, Pariente R. Single-lung transplantation in pulmonary emphysema [letter] N Engl J Med 1990 Aug 23;323(8):551–2
Sletten K see **Westermark GT**
Slevin ML, Stubbs L, Plant HJ, Wilson P, Gregory WM, Armes PJ, Downer SM. Attitudes to chemotherapy: comparing views of patients with cancer with those of doctors, nurses, and general public. BMJ 1990 Jun 2; 300(6737):1458–60
Sliwinska-Kowalska M see **Kowalski ML**
Sloan EP see **Soyka JM**
Sloan JM see **Collins JS**
Sloan MA, Plotnick GD. Stroke complicating thrombolytic therapy of acute myocardial infarction [comment] J Am Coll Cardiol 1990 Sep;16(3):541–4. Comment on: J Am Coll Cardiol 1990 Sep;16(3):533–40.
Sloman-Moll ER see **Fried MP**
Slotkin TA see **Douglas JM Jr**
Slotman BJ, Nauta JJ, Rao BR. Survival of patients with ovarian cancer. Apart from stage and grade, tumor progesterone receptor content is a prognostic indicator. Cancer 1990 Aug 15;66(4):740–4
Slotman G see **Silverman HJ**
Slovis T see **Dalton HJ**
Slutsky AS see **Katz I**
Small B see **Louw JA**
Small NE see **Dworkin RH**
Smalley PJ. Lasers in otolaryngology. Nurs Clin North Am 1990 Sep;25(3):645–56 (14 ref.)
Smalley SR, Earle JD, Evans RG, Richardson RL. Modern radiotherapy results with bulky stages II and III seminoma. J Urol 1990 Sep;144(3):685–9
Smallman JM see **Powell H**
Smallwood L see **Barlogie B**
Smallwood R see **MacDonagh RP**
Smarr KL see **Uveges JM**
Smedile A see **Garcia G**
Smeets JL see **Cruz FE**
Smeets JL see **Wellens HJ**
Smejkal CM, Hill FJ. Life-sustaining treatment. A legal-ethical dilemma. J Nurs Adm 1990 Jul-Aug; 20(7-8):49–52
Smeltzer CH. Innovative pay package. J Nurs Adm 1990 Jul-Aug;20(7-8):6–7
Smeltzer JS see **Kivikoski AI**
Smets P see **Kornreich F**
Smigiel M see **Jackson JA**
Smiles KA see **Edwards L**
Smiley JD see **Hoffman WL**
Smirniotopoulos JG see **Buetow PC**
Smit EF see **Dofferhoff AS**
Smith AB, Bernstein DI, London MA, Gallagher J, Ornella GA, Gelletly SK, Wallingford K, Newman MA. Evaluation of occupational asthma from airborne egg protein exposure in multiple settings [see comments] Chest 1990 Aug; 98(2):398–404. Comment in: Chest 1990 Aug;98(2):261–2.
Smith AG see **Flower MA**
Smith AJ, Panidis IP, Berger S, Gonzales R. Large atrial septal aneurysm mimicking a cystic right atrial mass. Am Heart J 1990 Sep;120(3):714–6
Smith AM. Obstetrics and technology [letter] Lancet 1990 Aug 25;336(8713):510–1
Smith BM see **Anderson JW**
Smith BS see **Glennon TP**
Smith C see **Green TP**
Smith CB. Ultrasound in pregnancy [letter] J Fam Pract 1990 Aug;31(2):120–1
Smith CL see **Ayres RC**
Smith CL, Baker CJ, Anderson DC, Edwards MS. Role of complement receptors in opsonophagocytosis of group B streptococci by adult and neonatal neutrophils. J Infect Dis 1990 Aug;162(2):489–95
Smith DD see **Lindsley HB**
Smith DR, Watson DD, Clevenger RR, McBride RC. Paragordius varius. Arch Pathol Lab Med 1990 Sep; 114(9):981–3
Smith EE see **Joyce W**
Smith F see **Garcia R**
Smith F see **Khatib R**
Smith FA see **Bookstein L**
Smith FI see **Hollier LH**
Smith GB see **Muir JD**
Smith GL see **McLean CS**
Smith HR see **Kleanthous H**
Smith J see **Bhugra D**
Smith JG see **McEwan L**
Smith JH see **Cross SS**
Smith JJ 3d see **Dowd JB**
Smith JL see **Hodges E**
Smith JL see **Opekun AR**
Smith JR see **Huh K**
Smith JT, Garner A, Hampson SE, Pounder RE. Absence of a gastrin inhibitory factor in the IgG fraction of serum from patients with pernicious anaemia. Gut 1990 Aug; 31(8):871–4
Smith KA see **Johnson KW**
Smith LG Jr, Kirshon B, Cotton DB. Indomethacin treatment for polyhydramnios and subsequent infantile nephrogenic diabetes insipidus. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):98–9
Smith LG Jr, Carpenter RJ Jr, Gonsoulin W, Mari G, Reiter AA, Greenberg F, Powell C. Prenatal diagnosis of a chest wall mass with ultrasonography and Doppler velocimetry. A case report. Am J Obstet Gynecol 1990 Aug; 163(2):567–9
Smith LR see **Reves JG**
Smith LW see **Davey DD**
Smith LW, Patterson TL, Grant I. Avoidant coping predicts psychological disturbance in the elderly. J Nerv Ment Dis 1990 Aug;178(8):525–30
Smith M see **Dirr LY**
Smith M see **Dusheiko GM**
Smith MS. Psychosomatic symptoms in adolescence. Med Clin North Am 1990 Sep;74(5):1121–34 (77 ref.)
Smith PA see **Smoleniec JS**
Smith PD see **Pluda JM**
Smith PD see **Whelan WL**
Smith PG see **Fellows IW**
Smith PK see **Douglas JM Jr**
Smith QW see **Thomson WA**
Smith R see **Heymsfield SB**
Smith RA, Johnson M, Venus B. Does continuous positive airway pressure compensate for loss of glottic function during tracheal intubation? Crit Care Med 1990 Aug; 18(8):848–50
Smith RF see **Reddy DJ**
Smith RG see **Turnlund JR**
Smith RJ. Effects of the sulfonylureas on muscle glucose homeostasis. Am J Med 1990 Aug 20;89(2A):38S–43S; discussion 51S–53S (40 ref.)
Smith RJ see **Eicher SA**
Smith RM see **Soler AP**
Smith RN. Use of Gynocheck endometrial tissue sampler in infertility. Br J Obstet Gynaecol 1990 May;97(5):454–5
Smith SE see **Lloyd P**
Smith SJ, Hendee WR. Testing for allergic disease [letter] Ann Intern Med 1990 Aug 15;113(4):331–2
Smith SM see **Eng RH**
Smith T. Allergy to peanuts [editorial] BMJ 1990 May 26; 300(6736):1354
Smith T. Policies on drugs in the new Europe [editorial] BMJ 1990 Jun 9;300(6738):1476–7
Smith TC. Pulmonary capillary pressures during hypoxia and

hypoxemia [letter] Crit Care Med 1990 Aug;18(8):899-901
Smith TL see **Irwin M**
Smith VC see **Brevard SB**
Smitherman MH, Morris LE Jr, Chang BK, Khankhanian NK, Dunlap DB. Rectal small cell cancer in an HIV-positive man. Am J Med 1990 Aug;89(2):239-40
Smits GA see **Oosterhof GO**
Smits NJ see **Berghout A**
Smits P see **Jansen TL**
Smoak IW, Sadler TW. Embryopathic effects of short-term exposure to hypoglycemia in mouse embryos in vitro. Am J Obstet Gynecol 1990 Aug;163(2):619-24
Smoleniec JS, James DK, Smith PA. Audit of amniocentesis [letter] BMJ 1990 Jun 16;300(6739):1588
Smout AJ see **Breumelhof R**
Smout AJ see **Geldof H**
Smucker ML. Percutaneous mitral balloon valvulotomy or balloon valvuloplasty? It's not just semantics anymore [comment] Circulation 1990 Aug;82(2):643-5. Comment on: Circulation 1990 Aug;82(2):448-56.
Smyllie JH see **Sreeram N**
Smyrk TC see **Lynch HT**
Smyth ET see **Murphy PG**
Smyth MJ, Ortaldo JR, Bere W, Yagita H, Okumura K, Young HA. IL-2 and IL-6 synergize to augment the pore-forming protein gene expression and cytotoxic potential of human peripheral blood T cells. J Immunol 1990 Aug 15;145(4):1159-66
Smyth RL, Scott JP, Mullins P, Schofield P, Large SR, Wallwork J. Pediatric heart transplantation [letter] Ann Thorac Surg 1990 Aug;50(2):333
Smythe WR see **Mandelbrot DA**
Snaith RP, Tombs DG. Psychological treatment for depressive disorder [letter] BMJ 1990 Jun 16; 300(6739):1587-8
Sneed J, Herman CM. Influence of job characteristics and organizational commitment on job satisfaction of hospital foodservice employees. J Am Diet Assoc 1990 Aug; 90(8):1072-6
Snel P see **Jansen JB**
Snijders RJ see **Ribbert LS**
Sninsky JJ see **Lipka JJ**
Snively S see **Chuck JM**
Snorrason F, Kärrholm J. Primary migration of fully-threaded acetabular prostheses. A roentgen stereophotogrammetric analysis. J Bone Joint Surg [Br] 1990 Jul;72(4):647-52
Snover DC see **Weisdorf DJ**
Snow AD, Bolender RP, Wight TN, Clowes AW. Heparin modulates the composition of the extracellular matrix domain surrounding arterial smooth muscle cells. Am J Pathol 1990 Aug;137(2):313-30
Snow BJ, Peppard RF, Guttman M, Okada J, Martin WR, Steele J, Eisen A, Carr G, Schoenberg B, Calne D. Positron emission tomographic scanning demonstrates a presynaptic dopaminergic lesion in Lytico-Bodig. The amyotrophic lateral sclerosis-parkinsonism-dementia complex of Guam. Arch Neurol 1990 Aug;47(8):870-4
Snow JH see **Desch LW**
Snowdon DA see **Ringhand TH**
Snowdon SL see **Regan CJ**
Snukst-Torbeck G see **Schraufnagel DE**
Snyder HM see **Keating MA**
Snyder JM see **Acarregui MJ**
Snyder JR see **Goldstein SR**
Snyder RW, Mishel HS, Christensen GC 3d. Mediastinal emphysema after a sax orgy [letter] N Engl J Med 1990 Sep 13;323(11):758-9
Snyder SO Jr see **Feinberg RL**
Snyder-Mackler L see **Delitto A**
So LY see **Fok TF**
So YT see **Kaku DA**
Sobal J, Ferentz KS. Abstract creep and author inflation [letter] N Engl J Med 1990 Aug 16;323(7):488-9
Sobel BE see **Geltman EM**
Sobel J see **Schmitt C**
Sobel RA see **Lee JK**
Sobelman D see **Kalechman Y**
Soberman RJ see **Lewis RA**
Sobin LH see **Burke AP**
Sobonya RE see **Grad R**
Soda M see **Matsuki K**
Söderström T see **Mattsby-Baltzer I**
Sogani PC see **Wallner KE**
Soh E, Sato K. Clinical effects of danazol on endometrial hyperplasia in menopausal and postmenopausal women. Cancer 1990 Sep 1;66(5):983-8
Sohn M see **Beers MF**
Soimakallio S see **Farin PU**
Sokal EM, Trivedi P, Portmann B, Mowat AP. Adaptative changes of metabolic zonation during the development of cirrhosis in growing rats. Gastroenterology 1990 Sep; 99(3):785-92
Sokal EM, Veyckemans F, de Ville de Goyet J, Moulin D, Van Hoorebeeck N, Alberti D, Buts JP, Rahier J, Van Obbergh L, Clapuyt P, et al. Liver transplantation in children less than 1 year of age. J Pediatr 1990 Aug;117(2 Pt 1):205-10
Sokel BS, Devane SP, Bentovim A, Milla PJ. Self hypnotherapeutic treatment of habitual reflex vomiting. Arch Dis Child 1990 Jun;65(6):626-7
Sokol RJ, Stall C. Anthropometric evaluation of children with chronic liver disease. Am J Clin Nutr 1990 Aug; 52(2):203-8
Sokol RJ see **Poh-Fitzpatrick MB**
Sokol RJ see **Wolfe HM**
Sokol RJ see **Zemel MB**
Sokoll LJ see **Stall GM**
Solanki J see **Bang AT**
Solanki T, Neville E. Oxygen concentrator malfunction [letter] Lancet 1990 Aug 25;336(8713):512
Solares J see **Garcia-Dorado D**
Solberg R see **Perkins KA**
Soldin S see **Stone J**
Sole MJ see **Daly PA**
Soleimanpour M see **Pierro JA**
Soler AP, Alemany J, Smith RM, de Pablo F, Jarett L. The state of differentiation of embryonic chicken lens cells determines insulin-like growth factor I internalization. Endocrinology 1990 Aug;127(2):595-603
Soler P see **Biyoudi-Vouenze R**
Soler P see **Fukuda Y**
Soler-Soler J see **Tornos MP**
Solinger AM see **Hess EV**
Solinger AM see **Hoppenjans WB**
Solis C see **Schneider RE**
Sollinger HW see **Kalayoglu M**
Solomon D see **Pluda JM**
Solomon SS, Sibley SD, Cunningham TM. Growth hormone receptors are up-regulated in diabetic adipocytes. Endocrinology 1990 Sep;127(3):1544-6
Solomon T. Cope in office. BMJ 1990 Jul 7;301(6742):32-3
Solomon TE see **Turkelson CM**
Solomonow M see **Hirokawa S**
Soloninka CA see **Laskin CA**
Solórzano E see **Teixeira AR**
Soloway MS see **Hardeman SW**
Solter D see **Knowles BB**
Som PM, Dillon WP, Curtin HD, Fullerton GD, Lidov M. Hypointense paranasal sinus foci: differential diagnosis with MR imaging and relation to CT findings. Radiology 1990 Sep;176(3):777-81
Somers ME see **Couch JM**
Somoza E see **Mossman D**
Soni CR see **al-Hindawi M**
Sonies BC, Ekman EF, Andersson HC, Adamson MD, Kaler SG, Markello TC, Gahl WA. Swallowing dysfunction in nephropathic cystinosis. N Engl J Med 1990 Aug 30; 323(9):565-70
Sonntag R see **Studer UE**
Sonoda T see **Matsumata T**
Sonta JA see **Cederna JP**
Sontag SJ, O'Connell S, Khandelwal S, Miller T, Nemchausky B, Schnell TG, Serlovsky R. Most asthmatics have gastroesophageal reflux with or without bronchodilator therapy. Gastroenterology 1990 Sep;99(3):613-20
Sontakke P see **Bang AT**
Soo Hoo GW, Mohsenifar Z, Meyer RD. Inhaled or intravenous pentamidine therapy for Pneumocystis carinii pneumonia in AIDS. A randomized trial. Ann Intern Med 1990 Aug 1;113(3):195-202
Soong SJ see **Bailey WC**
Soper BD see **Tepperman BL**
Soper JT see **Berchuck A**
Soper JT see **Mutch DG**
Sorasuchart A see **Moss RM**
Sorbini CA see **Tantucci C**
Sørensen AR see **Ribel U**
Sørensen PS see **Helweg-Larsen S**
Sørensen TI see **Teasdale TW**
Soriano J see **Garcia-Dorado D**
Sorlin B see **Pignol B**
Sorokolit CA, Nanda RS. Assessment of the stability of mandibular setback procedures with rigid fixation. J Oral Maxillofac Surg 1990 Aug;48(8):817-22
Sorooshian M see **Rowe-Jones JM**
Sosa RR see **Gallerano RH**
Sostman HD, Charles HC, Rockwell S, Leopold K, Beam C, Madwed D, Dewhirst M, Cofer G, Moore D, Burn R, et al. Soft-tissue sarcomas: detection of metabolic heterogeneity with P-31 MR spectroscopy. Radiology 1990 Sep;176(3):837-43
Sotek J see **Brüssow H**
Sotelo J see **Larralde C**
Soto D see **LaPolt PS**
Soto-Gil RW see **Robbins DL**
Sottiaux M see **Kahn A**
Souba WW, Plumley DA, Salloum RM, Copeland EM 3d. Effects of glucocorticoids on lung glutamine and alanine metabolism. Surgery 1990 Aug;108(2):213-8; discussion 218-9
Soucek M see **Vock P**
Souhrada L. Communicating hospital goals fosters support, says exec. Hospitals 1990 Aug 20;64(16):47
Soukup B see **McCarthy MJ**
Soussi AC, Benghiat A, Holgate CS, Majumdar B. Neuro-endocrine tumours of the head and neck. J Laryngol Otol 1990 Jun;104(6):504-7
Southwick SM, Yehuda R, Giller EL Jr, Perry BD. Altered platelet alpha 2-adrenergic receptor binding sites in borderline personality disorder. Am J Psychiatry 1990 Aug; 147(8):1014-7
Souto Maior I see **Teixeira AR**
Souza LM see **Hammond WP**
Souza LM see **Schuening FG**
Sova J see **Quitt M**
Sowa DT see **Rolfe B**
Sowell RL, Fuszard B, Gritzmacher D. Services for persons with AIDS. Nurse executives report. J Nurs Adm 1990 Jul-Aug;20(7-8):44-8
Sowers JR see **Saunders E**
Sowers JR see **Zemel MB**
Soyka JM, Martin M, Sloan EP, Himmelman RG, Batesky D, Barrett JA. Diagnostic peritoneal lavage: is an isolated WBC count greater than or equal to 500/mm3 predictive of intra-abdominal injury requiring celiotomy in blunt trauma patients? J Trauma 1990 Jul;30(7):874-9
Spady DW see **Pabst HF**
Spaeth G, Berg RD, Specian RD, Deitch EA. Food without fiber promotes bacterial translocation from the gut. Surgery 1990 Aug;108(2):240-6; discussion 246-7
Spandow O, Hellström S, Schmidt SH. Hydrocortisone delay of tissue repair of experimental tympanic membrane perforations. Ann Otol Rhinol Laryngol 1990 Aug; 99(8):647-53
Spannaus-Martin DJ, Holmdahl R, Kresina TF. Immunotherapy of collagen-induced arthritis by a T-cell antiproliferative molecule. Am J Pathol 1990 Aug; 137(2):331-9
Spanos AM see **Michaelides AP**
Sparks P see **Grammer LC**
Sparks PJ, Simon GE, Katon WJ, Altman LC, Ayars GH, Johnson RL. An outbreak of illness among aerospace workers [see comments] West J Med 1990 Jul;153(1):28-33 . Comment in: West J Med 1990 Jul;153(1):77-8.
Spät A see **Balla T**
Spätling L, Fallenstein F. Magnesium supplementation in pregnancy [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):240-1
Spaulding CA see **de Lange EE**
Spaulding SW see **Ozawa S**
Spears JR, Reyes VP, Wynne J, Fromm BS, Sinofsky EL, Andrus S, Sinclair IN, Hopkins BE, Schwartz L, Aldridge HE, et al. Percutaneous coronary laser balloon angioplasty: initial results of a multicenter experience. J Am Coll Cardiol 1990 Aug;16(2):293-303
Specian RD see **Deitch EA**
Specian RD see **Spaeth G**
Specks U see **Kalina PH**
Spector RT see **Forman S**
Spector SL see **Mahan C**
Speicher C see **Glaser R**
Speicher CE. Practice parameters. An opportunity for pathologists to take a leadership role in patient care [editorial] Arch Pathol Lab Med 1990 Aug;114(8):823-4
Speicher DW see **Marchesi SL**
Speizer FE see **Hunter DJ**
Speizer FE see **Schwartz J**
Spelsberg TC see **Turner RT**
Spence DW, Galantino ML, Mossberg KA, Zimmerman SO. Progressive resistance exercise: effect on muscle function and anthropometry of a select AIDS population. Arch Phys Med Rehabil 1990 Aug;71(9):644-8
Spence HM see **Husmann DA**
Spencer J see **Viney J**
Spencer JA, Lindsell DR, Mastorakou I. Can ultrasound replace the intravenous urogram? [letter] Br J Radiol 1990 May;63(749):369
Spencer JA see **Davies JA**
Spencer JR, Perlmutter AD. Sleeve advancement distal hypospadias repair. J Urol 1990 Aug;144(2 Pt 2):523-5; discussion 530
Spencer LV see **Purcell KG**
Spencer MG. Chondroplastic graft augmentation rhinoplasty. J Laryngol Otol 1990 Jul;104(7):539-43
Spencer MP, Sarr MG, Nagorney DM. Radical pancreatectomy for pancreatic cancer in the elderly. Is it safe and justified? Ann Surg 1990 Aug;212(2):140-3
Spencer SA see **Lim L**
Spendlove I see **Lowe J**
Spengler DH see **Van LP**
Spengler JD see **Coultas DB**
Spengler RN, Allen RM, Remick DG, Strieter RM, Kunkel SL. Stimulation of alpha-adrenergic receptor augments the production of macrophage-derived tumor necrosis factor. J Immunol 1990 Sep 1;145(5):1430-4
Sperling RI, Coblyn JS, Larkin JK, Benincaso AI, Austen KF, Weinblatt ME. Inhibition of leukotriene B4 synthesis in neutrophils from patients with rheumatoid arthritis by a single oral dose of methotrexate. Arthritis Rheum 1990 Aug;33(8):1149-55
Spevak MR see **Kleinman PK**
Spevak PJ, Bass JL, Ben-Shachar G, Hesslein P, Keane JF, Perry S, Pyles L, Lock JE. Balloon angioplasty for congenital mitral stenosis. Am J Cardiol 1990 Aug 15; 66(4):472-6
Spiby H see **Saunders N**
Spiegel AM see **Friedman E**
Spiegel JR see **Sataloff RT**
Spielman FJ see **Thorp JM Jr**
Spies HG see **Kaynard AH**
Spiga L see **Agostini C**
Spiga L see **Poletti V**
Spinelli A see **Gorini M**
Spinelli G see **Curiel P**
Spinolo JA, Dicke KA, Horwitz LJ, Jagannath S, McCredie

K, Estey E, Kantarjian H, Zander AR, Keating M, Spitzer G. High-dose chemotherapy and unpurged autologous bone marrow transplantation for acute leukemia in second or subsequent remission. Cancer 1990 Aug 15;66(4):619–26
Spinowitz AL. Liposuction surgery: an effective alternative for treatment of lipomas [letter] Plast Reconstr Surg 1990 Sep;86(3):606
Spira M see **Erol OO**
Spiritus EM see **Brenner M**
Spiro SG see **Assem ES**
Spirt BA see **Poster RB**
Spirtoff K see **Kerr TM**
Spiss CK see **Mayer N**
Spiteri-Grech J see **Bartlett JM**
Spitz B see **de Zegher F**
Spitzer G see **Spinolo JA**
Spitzer RL see **Strauss DH**
Spitzer WO see **Anderson GM**
Spitzer WO see **Walop W**
Spitznagel EL see **North CS**
Spitznagel JK see **Pereira HA**
Spivack D see **Krieger BP**
Splitter GA see **Palmer LD**
Spodick DH. Pericardial constrictive tissue buffers cardiac transmural pressures [letter] Am J Cardiol 1990 Aug 15; 66(4):528
Sporik R, Holgate ST, Platts-Mills TA, Cogswell JJ. Exposure to house-dust mite allergen (Der p I) and the development of asthma in childhood. A prospective study. N Engl J Med 1990 Aug 23;323(8):502–7
Sprafka JM see **French LR**
Sprafka JM see **Lilienfeld DE**
Spratt KF see **Walsh TR**
Sprauer MA see **Stehr-Green PA**
Sprecher S, Steinberg R, Serchuk L. Foot-in-mouth disease no April fools' joke [letter] AJR Am J Roentgenol 1990 Sep;155(3):651
Sprengers D see **Blake JC**
Spriggs DR, Sack RB. From the National Institute of Allergy and Infectious Diseases. Summary of the 25th United States-Japan Joint Conference on cholera and related diarrheal diseases. J Infect Dis 1990 Sep;162(3):584–90
Sprigle SH, Faisant TE, Chung KC. Clinical evaluation of custom-contoured cushions for the spinal cord injured. Arch Phys Med Rehabil 1990 Aug;71(9):655–8
Springer TA see **Johnston SC**
Sprung CL, Peduzzi PN, Shatney CH, Schein RM, Wilson MF, Sheagren JN, Hinshaw LB. Impact of encephalopathy on mortality in the sepsis syndrome. The Veterans Administration Systemic Sepsis Cooperative Study Group. Crit Care Med 1990 Aug;18(8):801–6
Spurlock BW. Physical diagnosis and the nonexpert physician [letter] West J Med 1990 Jul;153(1):87
Squires BP, Elmslie TJ. Cohort studies: what editors want from authors and peer reviewers [editorial] Can Med Assoc J 1990 Aug 1;143(3):179–80
Srai SK see **Chesta J**
Sramek JJ Jr see **Cutler NR**
Sredni B see **Kalechman Y**
Sreekanth S see **Rader JS**
Sreeram N, Colli AM, Monro JL, Shore DF, Lamb RK, Fong LV, Smyllie JH, Keeton BR, Sutherland GR. Changing role of non-invasive investigation in the preoperative assessment of congenital heart disease: a nine year experience. Br Heart J 1990 Jun;63(6):345–9
Sreeram N see **Kaulitz R**
Sreeram N see **Stümper OF**
Srimal S see **Ding A**
Staats BA see **Kaplan J**
Stabile B see **Moossa AR**
Stacey GN see **Hodges E**
Stachura J see **Erickson RA**
Stack RS see **O'Connor CM**
Stackhouse S, Miller PL, Park SK, Meyer TW. Reversal of glomerular hyperfiltration and renal hypertrophy by blood glucose normalization in diabetic rats. Diabetes 1990 Aug; 39(8):989–95
Staehelin J, Blumthaler M, Ambach W, Torhorst J. Skin cancer and the ozone shield [letter] Lancet 1990 Aug 25; 336(8713):502
Staels B, Van Tol A, Chan L, Will H, Verhoeven G, Auwerx J. Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. Endocrinology 1990 Sep;127(3):1144–52
Stahl RS, Kopf G. Sternotomy infections in infants [letter] Ann Thorac Surg 1990 Aug;50(2):337
Staiano-Coico L, Hefton JM, Amadeo C, Pagan-Charry I, Madden MR, Cardon-Cardo C. Growth of melanocytes in human epidermal cell cultures. J Trauma 1990 Aug; 30(8):1037–42; discussion 1043
Staiano-Coico L see **Ngoi SS**
Staines A. Dexamethasone and infection in preterm babies: a controlled study [letter] Arch Dis Child 1990 Jul; 65(7):812
Stale H, Gennser G, Marsál K. Blood flow velocity and pulsatile diameter changes in the fetal descending aorta: a longitudinal study. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):26–9
Stall C see **Sokol RJ**
Stall GM, Harris S, Sokoll LJ, Dawson-Hughes B. Accelerated bone loss in hypothyroid patients overtreated with L-thyroxine. Ann Intern Med 1990 Aug 15; 113(4):265–9
Stalsberg H see **Orbo A**
Stam J see **Slebos RJ**
Stamatiadis AP, St. Toumanidou M, Vyssoulis GP, Manouras AJ, Apostolidis NS. Value of serum acute-phase reactant proteins and carcinoembryonic antigen in the preoperative staging of colorectal cancer. A multivariate analysis. Cancer 1990 May 1;65(9):2055–7
Stamm WE see **Kivlat N**
Stamm WE see **McFarland LV**
Stamm WE see **Stapleton A**
Stampfer MJ see **Hunter DJ**
Standaert TA see **Jackson JC**
Standen G see **Peake IR**
Standiford HC see **Gitterman SR**
Standiford TJ, Strieter RM, Chensue SW, Westwick J, Kasahara K, Kunkel SL. IL-4 inhibits the expression of IL-8 from stimulated human monocytes. J Immunol 1990 Sep 1;145(5):1435–9
Standley PR see **Zemel MB**
Stanek EJ 3d, Pastides H, Darity WA, Elkins M. City directories as sources for survey work in low- and middle-income black communities. Am J Public Health 1990 Sep;80(9):1125–6
Stanley B see **Jones JS**
Stanley D, Winson IG. A surgical approach to the elbow. J Bone Joint Surg [Br] 1990 Jul;72(4):728–9
Stanley M see **Jones JS**
Stanley M see **McLean CS**
Stanley P see **Montigny M**
Stanley SK, Bressler PB, Poli G, Fauci AS. Heat shock induction of HIV production from chronically infected promonocytic and T cell lines. J Immunol 1990 Aug 15; 145(4):1120–6
Stansby G see **Dawson K**
Stansby GP see **Ezaki T**
Stanten R, Frey CF. Pancreatitis after endoscopic retrograde cholangiopancreatography. An underreported disease whose severity is often unappreciated. Arch Surg 1990 Aug;125(8):1032–4; discussion 1035
Stanton TS see **Embury SH**
Stapleton A, Latham RH, Johnson C, Stamm WE. Postcoital antimicrobial prophylaxis for recurrent urinary tract infection. A randomized, double-blind, placebo-controlled trial. JAMA 1990 Aug 8;264(6):703–6
Stapleton FB. Academic missions of division chiefs in pediatric departments. III. The division chief as a director of fellowship training. Am J Dis Child 1990 Aug; 144(8):893–5
Stapleton FB see **Mitchell N**
Staprans I see **Davies RW**
Starck J see **Morlé L**
Stark AD, Chang HG, Fitzgerald EF, Riccardi K, Stone RR. A retrospective cohort study of cancer incidence among New York State Farm Bureau members. Arch Environ Health 1990 May-Jun;45(3):155–62
Stark JM see **Jackson SK**
Stark RM see **Patrick DM**
Starr RD see **Cross SS**
Starzl TE, Demetris AJ. Liver transplantation: a 31-year perspective. Part I. Curr Probl Surg 1990 Feb;27(2):49–116 (180 ref.)
Starzl TE see **Iwatsuki S**
Starzl TE see **Tzakis AG**
Stass S see **Kantarjian HM**
Steadman C, Kerlin P, Crimmins F, Bell J, Robinson D, Dorrington L, McIntyre A. Spontaneous intramural rupture of the oesophagus. Gut 1990 Aug;31(8):845–9
Stears JC see **Wilson WB**
Steckel RJ see **Brown K**
Steele AW see **Forrester JM**
Steele B see **Burkett G**
Steele C, Rovner B, Chase GA, Folstein M. Psychiatric symptoms and nursing home placement of patients with Alzheimer's disease. Am J Psychiatry 1990 Aug; 147(8):1049–51
Steele G Jr see **Wagner HE**
Steele GD see **Wiltz O**
Steele J see **Snow BJ**
Steen PA see **Karlsson BR**
Steen VD, Costantino JP, Shapiro AP, Medsger TA Jr. Outcome of renal crisis in systemic sclerosis: relation to availability of angiotensin converting enzyme (ACE) inhibitors. Ann Intern Med 1990 Sep 1;113(5):352–7
Steen VD see **Kahl LE**
Stefan H see **Schneider S**
Stefenelli T, Wikman-Coffelt J, Wu ST, Parmley WW. Calcium-dependent fluorescence transients during ventricular fibrillation. Am Heart J 1990 Sep;120(3):590–7
Steffen R see **Neuhaus P**
Stege R, Lundh B, Tribukait B, Pousette A, Carlström K, Hasenson M. Deoxyribonucleic acid ploidy and the direct assay of prostatic acid phosphatase and prostate specific antigen in fine needle aspiration biopsies as diagnostic methods in prostatic carcinoma. J Urol 1990 Aug;144(2 Pt 1):299–302
Steger RW, Kienast SG. Effect of continuous versus delayed insulin replacement on sex behavior and neuroendocrine function in diabetic male rats. Diabetes 1990 Aug; 39(8):942–8
Stegink LD, Brummel MC, Persoon TJ, Filer LJ Jr, Bell EF, Ziegler EE. Effect of sucrose on the metabolic disposition of aspartame. Am J Clin Nutr 1990 Aug; 52(2):335–41
Stegmann DH see **Roelofse JA**
Stehling MK, Charnley RM, Blamire AM, Ordidge RJ, Coxon R, Gibbs P, Hardcastle JD, Mansfield P. Ultrafast magnetic resonance scanning of the liver with echo-planar imaging. Br J Radiol 1990 Jun;63(750):430–7
Stehling MK see **Johnson IR**
Stehr-Green PA, Sprauer MA, Williams WW, Sullivan KM. Predictors of vaccination behavior among persons ages 65 years and older. Am J Public Health 1990 Sep;80(9):1127–9
Steidle CP, Cohen ML, Neubauer BL. Bradykinin-induced contractions of canine prostate and bladder: effect of angiotensin-converting enzyme inhibition. J Urol 1990 Aug;144(2 Pt 1):390–2
Stein A see **deKernion JB**
Stein A see **Kelen GD**
Stein CA see **La Rocca RV**
Stein EA see **Black DM**
Stein H see **Volpin G**
Stein HJ, Hinder RA, DeMeester TR, Lloyd BA, Fuchs KH, Attwood SE, Gupta NC. Clinical use of 24-hour gastric pH monitoring vs o-diisopropyl iminodiacetic acid (DISIDA) scanning in the diagnosis of pathologic duodenogastric reflux. Arch Surg 1990 Aug;125(8):966–70; discussion 970–1
Stein HJ, Hinder RA, Oosthuizen MM. Gastric mucosal injury caused by hemorrhagic shock and reperfusion: protective role of the antioxidant glutathione. Surgery 1990 Aug;108(2):467–73; discussion 473–4
Stein KL see **Celoria G**
Stein M see **Imam N**
Stein R see **Bluhm R**
Stein RM see **Mockli GC**
Steinberg GK see **Marks MP**
Steinberg J see **Pierart J**
Steinberg R see **Sprecher S**
Steinberg SM see **Pluda JM**
Steinberg SP see **LaRussa PS**
Steinberg WM see **Feinberg EJ**
Steinbock GS see **Belker AM**
Steindel H see **Akriviadis EA**
Steiner MS see **Walsh PC**
Steiner RA see **Wiemann JN**
Steiner RA see **Zeitler P**
Steinetz BG, Goldsmith LT, Hasan SH, Lust G. Diurnal variation of serum progesterone, but not relaxin, prolactin, or estradiol-17 beta in the pregnant bitch. Endocrinology 1990 Sep;127(3):1057–63
Steingrub JS see **Celoria G**
Steinhardt G, Salinas-Madrigal L, Farber R, Lynch R, Vogler G. Experimental ureteral obstruction in the fetal opossum. I. Renal functional assessment. J Urol 1990 Aug;144(2 Pt 2):564–6; discussion 593–4
Steinhoff MC, Halsey NA, Wilson MH, Burns BA, Samorodin RK, Fries LF, Murphy BR, Clements ML. Comparison of live attenuated cold-adapted and avian-human influenza A/Bethesda/85 (H3N2) reassortant virus vaccines in infants and children. J Infect Dis 1990 Aug;162(2):394–401
Steinhorn DM, Sweeney MF, Layman LK. Pharmacodynamic response to ionized calcium during acute sepsis [see comments] Crit Care Med 1990 Aug;18(8):851–7. Comment in: Crit Care Med 1990 Aug;18(8):895–6.
Steinhorn RH see **Green TP**
Steinman RC see **Bigger JT Jr**
Steinman W see **Cogen R**
Steinschneider M, Sherbany A, Pavlakis S, Emerson R, Lovelace R, De Vivo DC. Congenital folate malabsorption: reversible clinical and neurophysiologic abnormalities. Neurology 1990 Aug;40(8):1315
Stemhagen A see **Magid D**
Stemmler EJ. Academic medicine and the National Board: a love-hate relationship? [editorial] Acad Med 1990 Jun; 65(6):380–1
Stendahl U, Rogo K. Cervical cancer: role for progesterone during pregnancy and contraception? [letter] Am J Obstet Gynecol 1990 Aug;163(2):685–6
Stenman G, Kindblom LG, Willems J, Angervall L. A cell culture, chromosomal and quantitative DNA analysis of a metastatic epithelioid sarcoma. Deletion 1p, a possible primary chromosomal abnormality in epithelioid sarcoma. Cancer 1990 May 1;65(9):2006–13
Stenström A see **Abdon P**
Stenzl A see **deKernion JB**
Stepan J see **Kraenzlin ME**
Stephanos MJ see **Levinson DF**
Stephen JP see **Cundy PJ**
Stephens DH see **Binkovitz LA**
Stephens FO. Intraarterial induction chemotherapy in locally advanced stage III breast cancer. Cancer 1990 Aug 15; 66(4):645–50
Stephens JD. Accuracy of apical four-chamber view as screen for congenital heart disease [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):249–50
Stephens JD. Rapid determination of fetal sex [letter] Am J Obstet Gynecol 1990 Aug;163(2):683–4
Stephens JD. Should amniocenteses always accompany unexplained high maternal serum alpha-fetoprotein levels? Who decides: public agency, patient, or private physician? [letter] Am J Obstet Gynecol 1990 Aug;163(2):697–8
Stephens LC see **Rodgers GP**
Stephens P see **Carlan SJ**

Stephens SM see **Pettinati HM**
Stephenson LS see **Latham MC**
Stephenson S see **Thorp JA**
Sterin-Prync A see **Vindrola O**
Stern B see **Anderson AC**
Stern JL, Major C, Van Le L. Preventing cervical conization by achieving satisfactory colposcopy with hygroscopic cervical dilators. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):176–7
Stern RC see **Sheehan JP**
Stern RM see **Koch KL**
Sterz F see **Tisherman SA**
Sterz M see **Clements PJ**
Steuber P see **Crist W**
Stevelman HB see **Feliciano N**
Steven K see **Bitsch M**
Steven K see **Nielsen KK**
Stevens DA see **Kramer MR**
Stevens J see **Wood DJ**
Stevens JL see **Watcha MF**
Stevens JM, Rapheal M. Throwing out the baby with the bathwater [letter] Br J Surg 1990 Jul;77(7):835
Stevens MB see **Hunder GG**
Stevens MH see **Calhoun KH**
Stevens PM see **Kahle WK**
Stevens R see **Minkoff HL**
Stevens WJ see **Van Bever HP**
Stevenson DK see **Ferguson JE 2d**
Stevenson DK see **Vreman HJ**
Stevenson DM see **Rashtian MY**
Stevenson HM see **Williams AP**
Stevenson JC, Cust MP, Gangar KF, Hillard TC, Lees B, Whitehead MI. Effects of transdermal versus oral hormone replacement therapy on bone density in spine and proximal femur in postmenopausal women. Lancet 1990 Aug 4; 336(8710):265–9
Stevenson WG, Nademanee K, Weiss JN, Wiener I. Treatment of catecholamine-sensitive right ventricular tachycardia by endocardial catheter ablation. J Am Coll Cardiol 1990 Sep; 16(3):752–5
Steward SA see **Chenaille PJ**
Steward SA see **Jackson CW**
Stewart AG. Drifting continents and endemic goitre in northern Pakistan. BMJ 1990 Jun 9;300(6738):1507–12
Stewart AW see **Pattemore PK**
Stewart FH see **Trussell J**
Stewart JR, Merrill WH, Hammon JW Jr, Graham TP Jr, Bender HW Jr. Reappraisal of localized resection for subvalvar aortic stenosis. Ann Thorac Surg 1990 Aug; 50(2):197–202; discussion 202–3
Stewart JT see **Fritz J**
Stewart L see **Ebmeier KP**
Stewart P see **Lim BH**
Stewart PA, Wladimiroff JW, Stijnen T. Blood flow velocity waveforms from the fetal external iliac artery as a measure of lower extremity vascular resistance. Br J Obstet Gynaecol 1990 May;97(5):425–30
Stewart RH see **Weinreb RN**
Stief CG see **Aboseif SR**
Stiglbauer R see **Schurawitzki H**
Stijnen T see **Stewart PA**
Stiller RL see **Perkins KA**
Stillman PL see **Segal S**
Stirrat GM, Dwyer N, Browning J. Planned trial of transcervical resection of the endometrium versus hysterectomy [letter] Br J Obstet Gynaecol 1990 May; 97(5):459
Stirrat GM, Dwyer N, Browning J. Hysterectomy or what? [letter] Lancet 1990 Aug 18;336(8712):445
Stocchi V see **Magnani M**
Stockdill G see **Juliusson G**
Stockenhuber F see **Koppensteiner R**
Stöckler S see **Ring E**
Stockley I, Betts RP, Rowley DI, Getty CJ, Duckworth T. The importance of the valgus hindfoot in forefoot surgery in rheumatoid arthritis. J Bone Joint Surg [Br] 1990 Jul; 72(4):705–8
Stöckmann F see **Leonhardt U**
Stockwell D see **Lazar HL**
Stoddard MF, Keedy DL, Kupersmith J. Transesophageal echocardiographic diagnosis of papillary muscle rupture complicating acute myocardial infarction. Am Heart J 1990 Sep;120(3):690–2
Stoeckel H see **Schwilden H**
(Stoeckel W), Doughty A. Walter Stoeckel (1871–1961). A pioneer of regional analgesia in obstetrics. Anaesthesia 1990 Jun;45(6):468–71
Stoeckle JD see **Eisenthal S**
Stohl W, Hofman FM, Gray JD. Differential CD3/T cell antigen receptor-mediated IL-2 production in jurkat T cells. Dissociation of IL-2 response from total inositol phosphate and calcium responses. J Immunol 1990 Aug 15;145(4):1078–87
Stokes DN, Huggins NJ. Craniotomy drains and bradycardias [letter] Anaesthesia 1990 Jun;45(6):495–6
Stokes JB see **Husted RF**
Stokes KB see **McLain BI**
Stoler M see **Reid R**
Stolf AM see **Giannini MJ**
Stolk MF see **van Erpecum KJ**
Stoller JL see **Becker CD**
Stoller ML, Workman SJ. The effect of extracorporeal shock wave lithotripsy on the microbiological flora of urinary calculi. J Urol 1990 Sep;144(3):619–21
Stolley PD see **Mandelbrot DA**
Stone HH see **Barie PS**
Stone HL see **Lobeck CC**
Stone J, Bentur Y, Zalstein E, Soldin S, Giesbrecht E, Koren G. Effect of endogenous digoxin-like substances on the interpretation of high concentrations of digoxin in children. J Pediatr 1990 Aug;117(2 Pt 1):321–5
Stone MH, Clarke NM, Campbell MJ, Richardson JB, Johnson PA. Comparison of audible sound transmission with ultrasound in screening for congenital dislocation of the hip. Lancet 1990 Aug 18;336(8712):421–2
Stone RR see **Stark AD**
Stoner R see **Schraufnagel DE**
Stones RW. Oestrogens, arterial status, and postmenopausal women [letter] Lancet 1990 Aug 4;336(8710):311–2
Storb R see **Sandmaier BM**
Storb R see **Schuening FG**
Storer DL see **Rhee KJ**
Storgard C see **Crone LA**
Story JL see **Tullous MW**
Stother IG see **Bransby-Zachary MA**
Stothert JC Jr, Gbaanador GB, Herndon DN. The role of autopsy in death resulting from trauma. J Trauma 1990 Aug;30(8):1021–5; discussion 1025–6
Stotter A, Atkinson EN, Fairston BA, McNeese M, Oswald MJ, Balch CM. Survival following locoregional recurrence after breast conservation therapy for cancer. Ann Surg 1990 Aug;212(2):166–72
Stout MG see **Mortimer EA Jr**
Stovall TG, Ling FW, O'Kelley KR, Coleman SA. Gross and histologic examination of tubal ligation failures in a residency training program. Obstet Gynecol 1990 Sep;76(3 Pt 1):461–5
Stover R see **West DW**
Stover SL see **Richards JS**
Stowe NT see **Trindade JC**
Stowe S see **Adler R**
Strachan AF see **Shephard EG**
Stracher MA see **Jasty M**
Strahlman ER. A piece of my mind. The next generation. JAMA 1990 Sep 5;264(9):1157
Stranc MF, West M. Surgical treatment of thyrotoxic exophthalmos [letter] Plast Reconstr Surg 1990 Sep; 86(3):608–9
Strandness DE Jr see **Bauer LA**
Strange G see **Langdorf MI**
Strasberg B, Pinchas A, Barbash GI, Hod H, Rat S, Har-Zahav Y, Caspi A, Sclarovsky S, Agmon J. Importance of reciprocal ST segment depression in leads V5 and V6 as an indicator of disease of the left anterior descending coronary artery in acute inferior wall myocardial infarction. Br Heart J 1990 Jun;63(6):339–41
Strasser R see **Regitz V**
Stratakis CA see **Margioris AN**
Stratta P see **Maina A**
Stratta P see **Rossi A**
Straub WH, Gur D. The hidden costs of delayed access to diagnostic imaging information: impact on PACS implementation. AJR Am J Roentgenol 1990 Sep; 155(3):613–6
Straus FH see **DeGroot LJ**
Strauss DH, Spitzer RL, Muskin PR. Maladaptive denial of physical illness: a proposal for DSM-IV. Am J Psychiatry 1990 Sep;147(9):1168–72
Strauss HW see **Levinson JR**
Strauss JF 3d see **Rennert H**
Strauss ME, Brandt J. Are there neuropsychologic manifestations of the gene for Huntington's disease in asymptomatic, at-risk individuals? Arch Neurol 1990 Aug; 47(8):905–8
Strayhorn PC see **Lynch HT**
Streicher J see **Bavaria JE**
Strichartz GR, Sanchez V, Arthur GR, Chafetz R, Martin D. Fundamental properties of local anesthetics. II. Measured octanol:buffer partition coefficients and pKa values of clinically used drugs. Anesth Analg 1990 Aug; 71(2):158–70
Strickland DM, Yeomans ER, Hankins GD. Cost-effectiveness of intrapartum screening and treatment for maternal group B streptococci colonization. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):4–8
Strickland DM, Whitted WA, Wians FH Jr. Screening infertile women for subclinical hypothyroidism [letter] Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):262–3
Striegel J see **Leone MR**
Strieter RM see **Spengler RN**
Strieter RM see **Standiford TJ**
Strock LL, Singh H, Abdullah A, Miller JA, Herndon DN. The effect of insulin-like growth factor I on postburn hypermetabolism. Surgery 1990 Aug;108(2):161–4
Strohmaier WL, Bichler KH, Wilbert DM, Seitz HM. Alveolar echinococcosis with involvement of the ureter and testis. J Urol 1990 Sep;144(3):733–4
Strom BL, Tugwell P. Pharmacoepidemiology: current status, prospects, and problems. Ann Intern Med 1990 Aug 1; 113(3):179–81 (25 ref.)
Strom CM, Verlinsky Y, Milayeva S, Evsikov S, Cieslak J, Lifchez A, Valle J, Moise J, Ginsberg N, Applebaum M. Preconception genetic diagnosis of cystic fibrosis [letter] Lancet 1990 Aug 4;336(8710):306–7
Strongwater AM see **Atar D**
Strott CA see **Demura T**
Strumpf DA, Millman RP, Hill NS. The management of chronic hypoventilation. Chest 1990 Aug;98(2):474–80 (33 ref.)
Strutt PJ see **Landercasper J**
Strutt PJ see **Martin GD**
Struve J see **Halverson PB**
Stuart GC see **Duggan MA**
Stuart MJ see **Kuhn DC**
Stubbs L see **Slevin ML**
Studd JW, Watson NR, Montgomery J. Depression and the menopause [letter] BMJ 1990 Jun 23;300(6740):1653
Studer UE, Scherz S, Scheidegger J, Kraft R, Sonntag R, Ackermann D, Zingg EJ. Enlargement of regional lymph nodes in renal cell carcinoma is often not due to metastases. J Urol 1990 Aug;144(2 Pt 1):243–5
Studley JG, Linehan IP, Ogilvie AL, Dowling BL. Swallowed button batteries: is there a consensus on management? Gut 1990 Aug;31(8):867–70
Stuehr DJ see **Ding A**
Stuenkel CA see **Takiyyuddin MA**
Stulberg B see **Piraino D**
Stulberg BN see **Francis CW**
Stull MA see **Nelson MC**
Stump D see **Schreiber TL**
Stümper OF, Sreeram N, Elzenga NJ, Sutherland GR. Diagnosis of atrial situs by transesophageal echocardiography [see comments] J Am Coll Cardiol 1990 Aug;16(2):442–6. Comment in: J Am Coll Cardiol 1990 Aug;16(2):447–50.
Stümper OF, Elzenga NJ, Hess J, Sutherland GR. Transesophageal echocardiography in children with congenital heart disease: an initial experience. J Am Coll Cardiol 1990 Aug;16(2):433–41
Stümper OF see **Kaulitz R**
Stunkard AJ see **Schotte DE**
Stunkard AJ see **Teasdale TW**
Stürchler D, Weiss N, Gassner M. Transmission of toxocariasis [letter] J Infect Dis 1990 Aug;162(2):571
Sturrock RD see **Hinnie J**
Sturtevant JE see **Shaddy RE**
Stutman HR, Arrieta AC. Detection of anti-BCG secreting cells in cerebrospinal fluid [letter] Lancet 1990 Aug 25; 336(8713):514
Styre D see **Mosley RL**
Styrt B, Sugarman B. Antipyresis and fever. Arch Intern Med 1990 Aug;150(8):1589–97 (197 ref.)
Suarez L see **Boss LP**
Suarez SM see **Cohen PR**
Suarez-Almazor ME, Russell AS. The genetics of psoriasis. Haplotype sharing in siblings with the disease [see comments] Arch Dermatol 1990 Aug;126(8):1040–2. Comment in: Arch Dermatol 1990 Aug;126(8):1083–6.
Suarez De Lezo J see **Medina A**
Subar AF see **Murphy SP**
Suciu-Foca N see **Rubinstein P**
Suciu-Foca N see **Wasfie T**
Suda T see **Tamura S**
Suda T see **Yamaguchi Y**
Sudo N see **Takahashi H**
Sudsbury RA see **Swallow CJ**
Suffredini AF see **Parrillo JE**
Suga S see **Itoh H**
Suga S see **Mukoyama M**
Sugai T see **Katoh R**
Sugarbaker DJ see **Shaffer K**
Sugarbaker PH, Nelson RC, Murray DR, Chezmar JL, Bernardino ME. A segmental approach to computerized tomographic portography for hepatic resection. Surg Gynecol Obstet 1990 Sep;171(3):189–95
Sugarman B see **Styrt B**
Sugawa H see **Enomoto T**
Sugawara M see **Tamura S**
Sugie K see **Kataoka Y**
Sugimachi K see **Matsumata T**
Sugimoto T see **Shiina S**
Sugimura K, Takahashi A, Watanabe M, Mano K, Watanabe H. Demyelinating changes in sural nerve biopsy of patients with HTLV-I-associated myelopathy. Neurology 1990 Aug;40(8):1263–6
Suginami H, Kaura R, Ochi H, Matsuura S. Intravenous leiomyomatosis with cardiac extension: successful surgical management and histopathologic study. Obstet Gynecol 1990 Sep;76(3 Pt 2):527–9
Sugiura S see **Midei MG**
Sugiyama T see **Kurokawa S**
Suhr A see **Dalkin AC**
Suita S see **Shono T**
Sulayman RF see **Bharati S**
Sullivan D see **Shapira N**
Sullivan GW, Linden J, Hewlett EL, Carper HT, Hylton JB, Mandell GL. Adenosine and related compounds counteract tumor necrosis factor-alpha inhibition of neutrophil migration: implication of a novel cyclic AMP-independent action on the cell surface. J Immunol 1990 Sep 1; 145(5):1537–44
Sullivan J see **McCusker J**
Sullivan J see **Saffle JR**
Sullivan JA see **Hall RI**
Sullivan KM, Kopecky KJ, Jocom J, Fisher L, Buckner CD, Meyers JD, Counts GW, Bowden RA, Peterson FB,

Witherspoon RP, et al. Immunomodulatory and antimicrobial efficacy of intravenous immunoglobulin in bone marrow transplantation. N Engl J Med 1990 Sep 13; 323(11):705–12
Sullivan KM see **Stehr-Green PA**
Sullivan LW. From the Secretary of Health and Human Services. JAMA 1990 Sep 5;264(9):1091
Sullivan MB see **Turhal N**
Sullivan MP see **Rich GF**
Sullivan P. NB physicians sent hard-hitting discussion paper on wife abuse. Can Med Assoc J 1990 Aug 1;143(3):218–9
Sullivan PK see **Falcone PA**
Sullivan T see **Dulit RA**
Sultan Y see **Girgis NI**
Sumitani K see **Ishizuka S**
Summerfelt AT see **Carpenter WT Jr**
Summergrad P see **Jenike MA**
Summerhayes IC see **Wagner HE**
Summers PL see **Hoke CH Jr**
Summers PL see **Marchette NJ**
Sumpio BE, Widmann MD. Enhanced production of endothelium-derived contracting factor by endothelial cells subjected to pulsatile stretch. Surgery 1990 Aug; 108(2):277–81; discussion 281–2
Sun ER see **Leonor MQ**
Sun WM see **MacDonagh RP**
Sun YT, Wreford NG, Robertson DM, de Kretser DM. Quantitative cytological studies of spermatogenesis in intact and hypophysectomized rats: identification of androgen-dependent stages. Endocrinology 1990 Sep; 127(3):1215–23
Sundaresan PR see **Hathcock JN**
Sundberg JP see **Tennent BJ**
Sunder-Plassmann L see **Hauck RW**
Sundler F see **Axelson J**
Sung RY, Yin JA, Loong EP, Fok TF, Lau J. Topical prostaglandin E2 gel for cervical ripening and closure of the ductus arteriosus in the newborn. Arch Dis Child 1990 Jul;65(7 Spec No):703–4
Surawicz CM see **McFarland LV**
Surks MI see **Halperin Y**
Surtees P, Ritchie JK, Phillips RK. High versus low ligation of the inferior mesenteric artery in rectal cancer. Br J Surg 1990 Jun;77(6):618–21
Suryapranata H, Serruys PW, Beatt K, De Feyter PJ, van den Brand M, Roelandt J. Recovery of regional myocardial dysfunction after successful coronary angioplasty early after a non-Q wave myocardial infarction. Am Heart J 1990 Aug;120(2):261–9
Susin M see **Venkataseshan VS**
Sussman B see **Pecoraro JP**
Sussman SK see **Gage TS**
Sussman SY see **Dwyer KM**
Sutherland AD see **Cundy PJ**
Sutherland DH see **Scherz HC**
Sutherland G see **McNeill AD**
Sutherland GR see **Kaulitz R**
Sutherland GR see **Sreeram N**
Sutherland GR see **Stümper OF**
Sutherland IH see **Kang JY**
Suthers KE see **Engh CA**
Suttorp MJ, Kingma JH, Koomen EM, Tijgssen TG, Defauw JA, Ernst SM. Predictive characteristics for early mortality in patients awaiting coronary artery bypass [letter] Lancet 1990 Aug 4;336(8710):310–1
Suvanprakorn P see **Jerasutus S**
Suzuki A see **Akiyama Y**
Suzuki K see **Sato N**
Suzuki M, Goto T, Kato R, Yamauchi K, Hayashi H. Combined atrioventricular block and sinus node dysfunction in Fabry's disease. Am Heart J 1990 Aug; 120(2):438–40
Suzuki M, Sekiguchi I, Tamada T. Clinical evaluation of tumor-associated mucin-type glycoprotein CA 54/61 in ovarian cancers: comparison with CA 125. Obstet Gynecol 1990 Sep;76(3 Pt 1):422–7
Suzuki S, Yamamuro T. Avascular necrosis in patients treated with the Pavlik harness for congenital dislocation of the hip. J Bone Joint Surg [Am] 1990 Aug;72(7):1048–55
Svedmyr N see **Ullman A**
Svendsen JH see **Clemmensen P**
Svennerholm AM see **Clemens JD**
Svennerholm AM see **López-Vidal Y**
Svensson JO see **Tomson T**
Swaak TJ see **Nossent HC**
Swai AB see **Kawo NG**
Swain A, Dove J, Baker H. ABC of major trauma. Trauma of the spine and spinal cord—I. BMJ 1990 Jul 7; 301(6742):34–8 (0 ref.)
Swain M see **Hatjis CG**
Swain ME see **Douglas JM Jr**
Swallow CJ, Grinstein S, Sudsbury RA, Rotstein OD. Modulation of the macrophage respiratory burst by an acidic environment: the critical role of cytoplasmic pH regulation by proton extrusion pumps. Surgery 1990 Aug; 108(2):363–8; discussion 368–9
Swaminathan B see **Johnson SE**
Swanson AJ see **Abdon P**
Swanson D see **el-Naggar AK**
Swanson NR see **Jeffrey GP**
Swanson PE, Lillemoe TJ, Manivel JC, Wick MR. Mesenchymal chondrosarcoma. An immunohistochemical study. Arch Pathol Lab Med 1990 Sep;114(9):943–8
Swanton RH see **John RM**
Swanton RH see **Slade AK**
Swaroop A see **Francke U**
Swartz M see **Beers MF**
Swearer JM see **Drachman DA**
Sweeney MF see **Steinhorn DM**
Sweeney MS see **Lammermeier DE**
Sweet DL see **Feigert JM**
Sweeting J. The effect of protein on renal function in cirrhosis. Gastroenterology 1990 Sep;99(3):895
Sweitzer SJ see **Belker AM**
Swenson S see **Hjelle B**
Swerdlow CD see **Poole JE**
Swersky J, Swersky RB. DNR bracelets? [letter] N Engl J Med 1990 Sep 6;323(10):685–6
Swersky RB see **Swersky J**
Swinburn B see **Abbott WG**
Swindells HE see **Mooney P**
Swingler GR see **Bigrigg MA**
Swiontoniowski M see **Toffol GJ**
Swites BJ see **Pan HY**
Sworniowski T see **Cederna JP**
Sydorak GR see **Tawes RL Jr**
Sylvén C, Lagerquist B. The effects of adenosine on chest pain and coronary dilation [letter] Circulation 1990 Aug; 82(2):662–3
Symonds EM see **Baker PN**
Symonds EM see **Johnson IR**
Syndulko K see **Baumhefner RW**
Syrjälä H, Haukipuro K, Kiviniemi H. Acute phase response and deep lower limb venous thrombosis [letter] J Clin Pathol 1990 Jun;43(6):519–20
Szabo P see **Baum CG**
Sze G see **Goldstein JM**
Szeto A see **Duerinckx AJ**
Szeto HH, Hinman DJ. Differential sensitivities of fetal muscle groups to d-tubocurarine. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):202–9
Szlachcic J, Tubau JF, O'Kelly B, Massie BM. Correlates of diastolic filling abnormalities in hypertension: a Doppler echocardiographic study. Am Heart J 1990 Aug; 120(2):386–91
Sznajder JI see **Corbridge TC**
Sznajder JI see **Yanos J**
Sztein M see **Hsia J**

T

Tabak JM see **Karim AB**
Tabatabai M, Booth AM. Mechanism of action of local anesthetics on synaptic transmission in the rat. Anesth Analg 1990 Aug;71(2):149–57
Taber LH see **Englund JA**
Tabor BL, Ikegami M, Jobe AH, Yamada T, Oetomo SB. Dose response of thyrotropin-releasing hormone on pulmonary maturation in corticosteroid-treated preterm rabbits. Am J Obstet Gynecol 1990 Aug;163(2):669–76
Tabor E, Gerety RJ, Cairns J, Bayley AC. Did HIV and HTLV originate in Africa? [letter] JAMA 1990 Aug 8; 264(6):691–2
Tabor MW see **Matthews MS**
Tabuchi K see **Abe M**
Taché Y see **Yang H**
Tachedjian G see **Birch CJ**
Tachibana M see **Abe S**
Tacket CO, Moseley SL, Kay B, Losonsky G, Levine MM. Challenge studies in volunteers using Escherichia coli strains with diffuse adherence to HEp-2 cells. J Infect Dis 1990 Aug;162(2):550–2
Tada K see **Kawabata H**
Tada M, Yokosuka O, Omata M, Ohto M, Isono K. Analysis of ras gene mutations in biliary and pancreatic tumors by polymerase chain reaction and direct sequencing. Cancer 1990 Sep 1;66(5):930–5
Taeusch HW, Polk D. Steroids for respiratory distress syndrome—again [editorial; comment] J Pediatr 1990 Aug; 117(2 Pt 1):248–50. Comment on: J Pediatr 1990 Aug;117(2 Pt 1):273–82.
Tagawa K see **Shiina S**
Tagaya M see **Iwata H**
Taghi-Kilani R, Sekla L, Hayglass KT. The role of humoral immunity in Cryptosporidium spp. infection. Studies with B cell-depleted mice. J Immunol 1990 Sep 1;145(5):1571–6
Tagliavini S see **Guarini S**
Tahara K see **Bellur S**
Tailly GG. Experience with the Dornier HM4 and MPL 9000 lithotriptors in urinary stone treatment. J Urol 1990 Sep; 144(3):622–7
Tajik AJ see **Freeman WK**
Tak WK see **Rose PG**
Takada H, Hirai H, Fujiwara T, Koga T, Ogawa T, Hamada S. Bacteroides lipopolysaccharides (LPS) induce anaphylactoid and lethal reactions in LPS-responsive and -nonresponsive mice primed with muramyl dipeptide. J Infect Dis 1990 Aug;162(2):428–34
Takada M see **Iguchi M**
Takagi M see **Abe M**
Takagi T see **Nishino E**
Takahashi A see **Sugimura K**
Takahashi H, Kanazawa K, Ikarashi T, Sudo N, Tanaka K. Discrepancy in the diagnoses of hydatidiform mole by macroscopic and microscopic findings and the deoxyribonucleic acid fingerprint method. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):112–3
Takahashi M see **Ishihara T**
Takahashi M see **Kurokawa S**
Takahashi T see **Enomoto T**
Takahashi Y see **Minamoto T**
Takamatsu M see **Katoh R**
Takamizawa M see **Matsuki K**
Takamoto H see **Araki T**
Takano R, Nose M, Kanno H, Nishihira T, Hiraizumi S, Kobata A, Kyogoku M. Recognition of N-glycosidic carbohydrates on esophageal carcinoma cells by macrophage cell line THP-1. Am J Pathol 1990 Aug; 137(2):393–401
Takasu N see **Aizawa T**
Takasu T see **Chida K**
Takatsu K see **Yamaguchi Y**
Takayama K see **Katoh R**
Takeda K see **Seki S**
Takemura G see **Fujiwara T**
Takemura M see **Nobunaga T**
Takenaka E see **Furui S**
Takeuchi K, Okada M, Niida H, Okabe S. Possible mechanisms involved in gastric hypermotility caused by indomethacin in the rat. Role of glycoprivic response. Dig Dis Sci 1990 Aug;35(8):984–92
Takeuchi Y, Gomi A, Okamura Y, Mori H, Nagashima M. Coronary revascularization in a child with Kawasaki disease: use of right gastroepiploic artery. Ann Thorac Surg 1990 Aug;50(2):294–6
Takikawa O, Habara-Ohkubo A, Yoshida R. IFN-gamma is the inducer of indoleamine 2,3-dioxygenase in allografted tumor cells undergoing rejection. J Immunol 1990 Aug 15;145(4):1246–50
Takiyyuddin MA, Cervenka JH, Pandian MR, Stuenkel CA, Neumann HP, O'Connor DT. Neuroendocrine sources of chromogranin-A in normal man: clues from selective stimulation of endocrine glands. J Clin Endocrinol Metab 1990 Aug;71(2):360–9
Takizawa T see **Kondo M**
Tal A, Aviram M, Gorodischer R. Variations in theophylline concentrations detected by 24-hour saliva concentration profiles in ambulatory children with asthma. J Allergy Clin Immunol 1990 Aug;86(2):238–43
Tal A, Levy N, Bearman JE. Methylprednisolone therapy for acute asthma in infants and toddlers: a controlled clinical trial. Pediatrics 1990 Sep;86(3):350–6
Talagala L see **Kanal E**
Talajic M see **Nattel S**
Talamonti MS, Dawes LG, Joehl RJ, Nahrwold DL. Gastrointestinal lymphoma. A case for primary surgical resection. Arch Surg 1990 Aug;125(8):972–6; discussion 976–7
Talbert LM see **Miller CG**
Talbot GH see **Mandelbrot DA**
Talbot PJ see **Davidson SF**
Tale O see **Bang AT**
Tall AR. Plasma high density lipoproteins. Metabolism and relationship to atherogenesis. J Clin Invest 1990 Aug; 86(2):379–84 (55 ref.)
Tallada N see **Bellmunt J**
Tallents RH see **Sahler LG**
Tallis R. Epilepsy in old age. Lancet 1990 Aug 4; 336(8710):295–6 (19 ref.)
Tamada T see **Suzuki M**
Tamaki N see **Ohtani H**
Tamaoki J see **Kondo M**
Tamarin FM see **Brandstetter RD**
Tamimi HK see **Greer BE**
Taminato T see **Koh G**
Tamir S, Kadner SS, Katz J, Finlay TH. Regulation of antitrypsin and antichymotrypsin synthesis by MCF-7 breast cancer cell sublines. Endocrinology 1990 Sep; 127(3):1319–28
Tamura M see **Chida K**
Tamura S, Sugawara M, Tanaka H, Tezuka E, Nihira S, Miyamoto C, Suda T, Ohta Y. A new hematopoietic cell line, KMT-2, having human interleukin-3 receptors. Blood 1990 Aug 1;76(3):501–7
Tan AC see **Jansen TL**
Tan IK see **Goh KT**
Tan L see **Pinilla JC**
Tan LB, Chiang CP, Huang CH, Chou YH, Wang CJ. Experiences in the treatment of chyluria in Taiwan. J Urol 1990 Sep;144(3):710–3
Tan LB see **Pipilis A**
Tan LK see **Crone LA**
Tanagho E see **Aboseif SR**
Tanaka A see **Niimi S**
Tanaka H see **Tamura S**
Tanaka K see **Takahashi H**
Tanaka K see **Toyoda N**
Tanaka S see **Hirano M**
Tanaka S see **Satoh J**
Tanaka Y see **Hirano M**
Tancer ML see **Goldstein I**
Tangalos EG see **Greenwood CL**
Tangalos EG, Freeman PI, Garness SL, Kosiak CP. Nursing homes and fax machines [letter] JAMA 1990 Aug 8; 264(6):693–4
Tani M, Neely JR. Intermittent perfusion of ischemic

myocardium. Possible mechanisms of protective effects on mechanical function in isolated rat heart. Circulation 1990 Aug;82(2):536–48
Tani M see **Fujiki A**
Taniguchi K see **Gouvea V**
Taniguchi K see **Koike A**
Taniguchi K see **Matson DO**
Taniguchi T see **Nishino E**
Taniguchi Y see **Cho KH**
Tanikawa S, Nose M, Aoki Y, Tsuneoka K, Shikita M, Nara N. Effects of recombinant human granulocyte colony-stimulating factor on the hematologic recovery and survival of irradiated mice. Blood 1990 Aug 1;76(3):445–9
Tanizawa O see **Nishino E**
Tanizawa O see **Nobunaga T**
Tanji JL. The preparticipation physical examination for sports. Am Fam Physician 1990 Aug;42(2):397–402 (19 ref.)
Tanna N see **Pinilla JC**
Tanner C see **Koller W**
Tanner DJ see **Edwards L**
Tanner LA see **Clark JA**
Tanner W see **Bruno P**
Tannirandorn Y see **Fisk NM**
Tantravahi U see **Bonilla E**
Tantucci C, Bruni B, Dottorini ML, Peccini F, Motolese M, Lecaillon JB, Sorbini CA, Grassi V. Comparative evaluation of cardioselectivity of metoprolol OROS and atenolol: a double-blind, placebo-controlled crossover study. Am Heart J 1990 Aug;120(2):467–72
Tanzi E see **Zanetti AR**
Tape TG, Wigton RS, Blank LL, Nicolas JA. Procedural skills of practicing nephrologists. A national survey of 700 members of the American College of Physicians. Ann Intern Med 1990 Sep 1;113(5):392–7
Taplin SH, Thompson RS, Schnitzer F, Anderman C, Immanuel V. Revisions in the risk-based Breast Cancer Screening Program at Group Health Cooperative. Cancer 1990 Aug 15;66(4):812–8
Tapp AJ, Cardozo LD, Versi E, Cooper D. The treatment of detrusor instability in post-menopausal women with oxybutynin chloride: a double blind placebo controlled study. Br J Obstet Gynaecol 1990 Jun;97(6):521–6
Tappy L see **Boden G**
Tarao K, Ikeda T, Hayashi K, Sakurai A, Okada T, Ito T, Karube H, Nomoto T, Mizuno T, Shindo K. Successful use of vancomycin hydrochloride in the treatment of lactulose resistant chronic hepatic encephalopathy. Gut 1990 Jun; 31(6):702–6
Tarchitsky D see **Kriwisky M**
Targ AG see **Weiskopf RB**
Targan S see **Saxon A**
Targoff IN see **Goldstein R**
Tarkington MA, Fildes RD, Levin K, Ziessman H, Harkness B, Gibbons MD. High resolution single photon emission computerized tomography (SPECT) 99mtechnetium-dimercapto-succinic acid renal imaging: a state of the art technique. J Urol 1990 Aug;144(2 Pt 2):598–600; discussion 606
Tarnawski A see **Erickson RA**
Tarnow-Mordi W, Ogston S, Wilkinson AR, Reid E, Gregory J, Saeed M, Wilkie R. Predicting death from initial disease severity in very low birthweight infants: a method for comparing the performance of neonatal units. BMJ 1990 Jun 23;300(6740):1611–4
Tarr PI, Neill MA, Clausen CR, Watkins SL, Christie DL, Hickman RO. Escherichia coli O157:H7 and the hemolytic uremic syndrome: importance of early cultures in establishing the etiology. J Infect Dis 1990 Aug; 162(2):553–6
Tartaglione TA see **See WA**
Tartar A see **Londoño JA**
Tarter RE see **Arria AM**
Tartoni PL see **Aggazzotti G**
Tashiro N see **Kumagai K**
Taskinen MR, Packard CJ, Shepherd J. Effect of insulin therapy on metabolic fate of apolipoprotein B-containing lipoproteins in NIDDM. Diabetes 1990 Sep;39(9):1017–27
Tassi C see **Bruschi F**
Tassonyi E, Lehmann C, Gunning K, Coquoz E, Montandon D. Fiberoptically guided intubation in children with gangrenous stomatitis (noma). Anesthesiology 1990 Aug; 73(2):348–9
Tatra G see **Reinthaller A**
Taube D see **Dische FE**
Taube DM see **Neuwirth H**
Tavolaro O see **Dussaule JC**
Tawes RL Jr, Sydorak GR, Duvall TB, Scribner RG, Rosenman JE, Beare JP, Harris EJ. Avoiding coagulopathy in vascular surgery. Am J Surg 1990 Aug; 160(2):212–6
Tawes RL Jr. Challenges. Am J Surg 1990 Aug;160(2):146–7
Tawil T see **Ohta H**
Tay HH see **Kang JY**
Taybi H, Capitanio MA. Tracheobronchial calcification: an observation in three children after mitral valve replacement and warfarin sodium therapy. Radiology 1990 Sep; 176(3):728–30
Taylor AL, Eichhorn EJ, Brickner ME, Eberhart RC, Grayburn PA. Aortic valve morphology: an important in vitro determinant of proximal regurgitant jet width by Doppler color flow mapping. J Am Coll Cardiol 1990 Aug; 16(2):405–12
Taylor AP see **Eastwood JB**
Taylor B see **Bevis M**
Taylor B see **Reed M**
Taylor BR see **Dresler CM**
Taylor CJ, McIntyre S, Baxter PS. Nutrition in cystic fibrosis [letter] Arch Dis Child 1990 Jun;65(6):646–7
Taylor CM see **Kleanthous H**
Taylor CM see **Milford DV**
Taylor D see **Aikawa M**
Taylor DN see **Sethabutr O**
Taylor EB see **Lindsay MK**
Taylor EL see **Edwards L**
Taylor GJ, Parker JD, Bagby RM. A preliminary investigation of alexithymia in men with psychoactive substance dependence. Am J Psychiatry 1990 Sep; 147(9):1228–30
Taylor GR see **Jackson DP**
Taylor HR see **Laties AM**
Taylor I. Hepatic resection for colorectal secondaries [letter] Br J Surg 1990 Jul;77(7):834
Taylor I, Johnston ID. Surgery in the undergraduate curriculum—a statement by the Association of Professors of Surgery. Br J Surg 1990 Jul;77(7):822–3
Taylor I see **Hunt TM**
Taylor JC see **Behrman SW**
Taylor KA, Koros JK, Nduati J, Copeland RS, Collins FH, Brandling-Bennett AD. Plasmodium falciparum infection rates in Anopheles gambiae, An. arabiensis, and An. funestus in western Kenya. Am J Trop Med Hyg 1990 Aug;43(2):124–9
Taylor KJ, Marks WH. Use of Doppler imaging for evaluation of dysfunction in renal allografts [comment] AJR Am J Roentgenol 1990 Sep;155(3):536–7. Comment on: AJR Am J Roentgenol 1990 Sep;155(3):531–5.
Taylor KJ see **Kier R**
Taylor PJ see **Scott SG**
Taylor RG, Verity K, Fuller PJ. Ileal glucagon gene expression: ontogeny and response to massive small bowel resection. Gastroenterology 1990 Sep;99(3):724–9
Taylor SI see **Gorden DL**
Taylor TO see **See WA**
Taylor TV, Holt S. Antireflux surgery. BMJ 1990 Jun 23; 300(6740):1603–4 (19 ref.)
Tazi A see **Biyoudi-Vouenze R**
Teague K see **el-Naggar AK**
Teague WG see **Johnson AM**
Teare EL see **Brenwald NP**
Teasdale G see **Bullock R**
Teasdale TW, Sørensen TI, Stunkard AJ. Genetic and early environmental components in sociodemographic influences on adult body fatness. BMJ 1990 Jun 23;300(6740):1615–8
Teba L, Dedhia HV, Schiebel FG, Blehschmidt NG, Lindner WJ. Positive-pressure ventilation with positive end-expiratory pressure and atrial natriuretic peptide release. Crit Care Med 1990 Aug;18(8):831–5
Tebbutt S see **Abel PD**
Tecklenburg A see **Bredtmann RD**
Tecson-Tumang F see **Eng RH**
Teculescu DB, Varona-Lopez W, Bruant A, Pham QT, Locuty J, Deschamps JP. Determinants of alveolar nitrogen slope and closing volumes in healthy adolescents. Am Rev Respir Dis 1990 Sep;142(3):607–15
Tedder RS see **Salker R**
Tedgui A see **Kennedy JH**
Teekhasaenee C, Ritch R, Rutnin U, Leelawongs N. Ocular findings in oculodermal melanocytosis. Arch Ophthalmol 1990 Aug;108(8):1114–20
Teele DW, Klein JO, Chase C, Menyuk P, Rosner BA. Otitis media in infancy and intellectual ability, school achievement, speech, and language at age 7 years. Greater Boston Otitis Media Study Group. J Infect Dis 1990 Sep; 162(3):685–94
Teelucksingh S see **Edwards CR**
Teenan RP, Murray WR. Late outcome of undersewing alone for gastric ulcer haemorrhage. Br J Surg 1990 Jul; 77(7):811–2
Tefft M see **Cangir A**
Tegeler CH see **Brey RL**
Teichmann W see **Bredtmann RD**
Teixeira AR, Córdoba JC, Souto Maior I, Solórzano E. Chagas' disease: lymphoma growth in rabbits treated with Benznidazole. Am J Trop Med Hyg 1990 Aug;43(2):146–58
Tejada A see **Hyams KC**
Telen MJ, Chasis JA. Relationship of the human erythrocyte Wrb antigen to an interaction between glycophorin A and band 3. Blood 1990 Aug 15;76(4):842–8
Telenczak P see **Briançon C**
Telenti A, Torres VE, Gross JB Jr, Van Scoy RE, Brown ML, Hattery RR. Hepatic cyst infection in autosomal dominant polycystic kidney disease. Mayo Clin Proc 1990 Jul;65(7):933–42 (31 ref.)
Téllez A see **Echevarría JM**
Tellez-Bernal E, Recondo G, Guillot T, Benhamed M, Domenge C, Izzo J, Cvitkovic E, Armand JP. A phase II study of cisplatin and continuous infusion of vindesine in metastatic head and neck squamous cell cancer. Cancer 1990 Aug 15;66(4):640–4
Tello RJ see **Hooper PL**
Temkin NR, Dikmen SS, Wilensky AJ, Keihm J, Chabal S, Winn HR. A randomized, double-blind study of phenytoin for the prevention of post-traumatic seizures [see comments] N Engl J Med 1990 Aug 23;323(8):497–502. Comment in: N Engl J Med 1990 Aug 23;323(8):540–2.
Tempany E see **Cullen S**
Temple LN see **Pollard SG**
Ten Cate FJ see **Feinstein SB**
ten Cate H see **Bauer KA**
Tenenbaum N see **Munoz E**
Tenhula JA, Rose SJ, Delitto A. Association between direction of lateral lumbar shift, movement tests, and side of symptoms in patients with low back pain syndrome. Phys Ther 1990 Aug;70(8):480–6
Tennenbaum S see **Kogan SJ**
Tennent BJ, Shultz KL, Sundberg JP, Beamer WG. Ovarian granulosa cell tumorigenesis in SWR-derived F1 hybrid mice: preneoplastic follicular abnormality and malignant disease progression. Am J Obstet Gynecol 1990 Aug; 163(2):625–34
Tenner MS see **Lansen TA**
Tenney RD see **Schreiber TL**
Tennstedt C see **De Muylder X**
Teodorczyk-Injeyan JA, McRitchie DI, Peters WJ, Lalani S, Girotti MJ. Expression and secretion of IL-2 receptor in trauma patients. Ann Surg 1990 Aug;212(2):202–8
Tepedino M see **Bardeguez A**
Tepper J see **Jasty M**
Tepperman BL, Soper BD. Effect of sialoadenectomy on gastric mucosal integrity and growth in the rat. A time-course study. Dig Dis Sci 1990 Aug;35(8):943–9
Terada T, Kadoya M, Nakanuma Y, Matsui O. Iron-accumulating adenomatous hyperplastic nodule with malignant foci in the cirrhotic liver. Histopathologic, quantitative iron, and magnetic resonance imaging in vitro studies. Cancer 1990 May 1;65(9):1994–2000
Teramura M see **Hoshino S**
Terano A see **Shiina S**
Terazono T see **Miyachi Y**
Teres D see **Celoria G**
Teret SP see **Wintemute GJ**
Terjesen T, Anda S. Ultrasound measurement of femoral anteversion. J Bone Joint Surg [Br] 1990 Jul;72(4):726–7
Termanini B see **Sidawy AN**
Termijtelen A see **Houwert-de Jong MH**
Terpstra OT see **Nijs HG**
Terr AI. Challenges from the environment [editorial; comment] West J Med 1990 Jul;153(1):77–8. Comment on: West J Med 1990 Jul;153(1):28–33.
Terranova WT see **Vaughn TR**
Tervaert JW, Goldschmeding R, Elema JD, Limburg PC, van der Giessen M, Huitema MG, Koolen MI, Hené RJ, The TH, van der Hem GK, et al. Association of autoantibodies to myeloperoxidase with different forms of vasculitis. Arthritis Rheum 1990 Aug;33(8):1264–72
Terwilliger GA see **Moody KD**
Terzian CG see **Heckerling PS**
Tessitore J see **Mittelman A**
Tessler FN see **Duerinckx AJ**
Testerman C see **Nath A**
Tettmar RE see **Brenwald NP**
Teva A see **de Oliveira-Ferreira J**
Texter JH see **Visnesky PM**
Tezuka E see **Tamura S**
Thacker JJ see **Bhattacharyya SS**
Thakur AN see **Vakharia DD**
Thal LJ see **Salmon DP**
Thaller SR, Kawamoto HK. Surgical correction of exophthalmos secondary to Graves' disease. Plast Reconstr Surg 1990 Sep;86(3):411–8; discussion 419–21
Tharpe W see **Ellis ME**
Tharratt RS see **Chan AL**
Thatcher WW see **Gross TS**
The TH see **Tervaert JW**
Theodore J see **Kramer MR**
Therneau T see **Patel SR**
Therneau TM see **Nativ O**
Theron AJ see **Richards GA**
Théroux P see **Garcia-Dorado D**
Theunissen PH see **Hendricks HT**
Thibault GE see **Eagle KA**
Thibert L see **Dylewski J**
Thibodeau SN see **Chong GL**
Thiele JS see **Burlew BP**
Thien T see **Jansen TL**
Thijs C, Knipschild P, Brombacher P. Serum lipids and gallstones: a case-control study. Gastroenterology 1990 Sep;99(3):843–9
Thimaporn J, Goldberg JS, Enlow DH. Effects of unilateral premature fusion of the zygomaxillary suture on the growth of nasomaxillary complex. J Oral Maxillofac Surg 1990 Aug;48(8):835–41
Thirlby RC. Preoperative radiotherapy is better than postoperative radiotherapy in patients with rectal cancer. Gastroenterology 1990 Sep;99(3):895–7
Thivolet J see **Ramirez-Bosca A**
Thode HC Jr see **Kramer CF**
Thoft RA see **Landen D**
Thom S see **Shahi M**
Thomas D see **Batten S**
Thomas D, Cullum D, Siahamis G, Langlois S. Infrared thermographic imaging, magnetic resonance imaging, CT scan and myelography in low back pain. Br J Rheumatol 1990 Aug;29(4):268–73
Thomas F, Wisham J, Clemmer TP, Orme JF Jr, Larsen KG.

Outcome, transport times, and costs of patients evacuated by helicopter versus fixed-wing aircraft. West J Med 1990 Jul;153(1):40–3
Thomas FT see **Haisch CE**
Thomas GB, Jones J, Sbarra AJ, Cetrulo C, Reisner D. Isolation of Chlamydia trachomatis from amniotic fluid. Obstet Gynecol 1990 Sep;76(3 Pt 2):519–20
Thomas JD see **Abascal VM**
Thomas JD see **Flachskampf FA**
Thomas JD, Choong CY, Flachskampf FA, Weyman AE. Analysis of the early transmitral Doppler velocity curve: effect of primary physiologic changes and compensatory preload adjustment. J Am Coll Cardiol 1990 Sep; 16(3):644–55
Thomas JM see **Ball AB**
Thomas JM see **Skene AI**
Thomas JW see **Karounos DG**
Thomas P see **Cangir A**
Thomas RV see **Yarchoan R**
Thomas SJ. The variation of wedge factors with field size on a linear accelerator. Br J Radiol 1990 May;63(749):355–6
Thomas TA, Noble HA. A re-evaluation of the Whitacre spinal needle in obstetric anaesthesia—a pilot study [letter] Anaesthesia 1990 Jun;45(6):489
Thomas WH see **Wright J**
Thomas WM see **Pye G**
Thomason JL see **Livengood CH 3d**
Thomasset M see **Brehier A**
Thomford NR see **Baciewicz FA Jr**
Thompson AJ, Miller DH, MacManus DG, McDonald WI. Patterns of disease activity in multiple sclerosis [letter] BMJ 1990 Jul 7;301(6742):44–5
Thompson AJ see **Morris IM**
Thompson BC, Feczko PJ, Mezwa DG. Dysphagia caused by acute leukemic infiltration of the esophagus [letter] AJR Am J Roentgenol 1990 Sep;155(3):654
Thompson E see **Pui CH**
Thompson EJ see **Mavra M**
Thompson EN see **Jackson SK**
Thompson GN see **Walter JH**
Thompson HH see **Pollard SG**
Thompson JC see **Evers BM**
Thompson JM. The future of medical research in Canada [letter] Can Med Assoc J 1990 Aug 15;143(4):260
Thompson KE see **Treadwell MC**
Thompson MW see **Scalzo AJ**
Thompson NW see **Caty MG**
Thompson R, Huestis PW, Crinella FM, Yu J. Brain mechanisms underlying motor skill learning in the rat. Am J Phys Med Rehabil 1990 Aug;69(4):191–7
Thompson RC see **Van Woert JH**
Thompson RL see **Corona ML**
Thompson RL see **Diamond T**
Thompson RS. Is routine circumcision indicated in the newborn? An opposing view. J Fam Pract 1990 Aug; 31(2):189–96
Thompson RS see **Taplin SH**
Thompson SH see **Matthews MS**
Thompson TL 2d, Filley CM, Mitchell WD, Culig KM, LoVerde M, Byyny RL. Lack of efficacy of hydergine in patients with Alzheimer's disease. N Engl J Med 1990 Aug 16;323(7):445–8
Thompson WD see **Janerich DT**
(Thompson WP) Wooley CF. William P. Thompson, Samuel A. Levine—1935: systolic gallop sounds and mitral valve prolapse. Am Heart J 1990 Aug;120(2):460–3
Thomsen H see **Brynskov J**
Thomsen J. Antibiotic treatment of children with secretory otitis media [letter] Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):978
Thomson B, Toffler WL. The illegal sale of cigarettes to minors in Oregon. J Fam Pract 1990 Aug;31(2):206–8
Thomson CJ see **Barg NL**
Thomson JP see **McCue JL**
Thomson LF see **Cross SJ**
Thomson N see **Blackshaw G**
Thomson WA, Miller LM, Smith QW, CamachoZ. Revitalizing the undergraduate college—medical school linkage [letter] Acad Med 1990 Aug;65(8):522
Thong YH see **Harth SC**
Thordarson SH see **Sauser DD**
Thörne J see **Zoucas E**
Thorner MO see **Baumann G**
Thorner P see **Merguerian PA**
Thornhill MH, Haskard DO. IL-4 regulates endothelial cell activation by IL-1, tumor necrosis factor, or IFN-gamma. J Immunol 1990 Aug 1;145(3):865–72
Thorp FK see **Kushner RF**
Thorp JA, Plapp FV, Cohen GR, Yeast JD, O'Kell RT, Stephenson S. Hyperkalemia after irradiation of packed red blood cells: possible effects with intravascular fetal transfusion. Am J Obstet Gynecol 1990 Aug;163(2):607–9
Thorp JA see **Ang MS**
Thorp JM Jr, Spielman FJ, Valea FA, Payne FG, Mueller RA, Cefalo RC. Nifedipine enhances the cardiac toxicity of magnesium sulfate in the isolated perfused Sprague-Dawley rat heart. Am J Obstet Gynecol 1990 Aug;163(2):655–6
Thorpy MJ see **Prinz PN**
Thorsteinsson G. Can trials of physical treatments be blinded? The example of transcutaneous electrical nerve stimulation for chronic pain [letter] Am J Phys Med Rehabil 1990 Aug; 69(4):219–20
Thoulon JM see **Cabrol D**
Thow J, Home P. Insulin injection technique. BMJ 1990 Jul 7;301(6742):3–4 (13 ref.)
Thrailkill KM see **Clemmons DR**
Threlfall EJ see **Ward LR**
Thung SN see **Unger PD**
Thung SN see **Venkataseshan VS**
Tibaldi JM, Lorber DL, Nerenberg A. Diabetic ketoacidosis and insulin resistance with subcutaneous terbutaline infusion: a case report. Am J Obstet Gynecol 1990 Aug; 163(2):509–10
Tibone J, Ting A. Capsulorrhaphy with a staple for recurrent posterior subluxation of the shoulder. J Bone Joint Surg [Am] 1990 Aug;72(7):999–1002
Tidman MJ, Aplin JD, MacDonald DM. Abnormal expression of G71 antibody at the epidermal basement membrane in basal cell carcinoma. Cancer 1990 May 1;65(9):1955–9
Tiebosch T see **Greve JW**
Tien AY, Anthony JC. Epidemiological analysis of alcohol and drug use as risk factors for psychotic experiences. J Nerv Ment Dis 1990 Aug;178(8):473–80
Tien R, Dillon WP, Jackler RK. Contrast-enhanced MR imaging of the facial nerve in 11 patients with Bell's palsy. AJR Am J Roentgenol 1990 Sep;155(3):573–9
Tigelaar RE see **Girolomoni G**
Tijgssen TG see **Suttorp MJ**
Tijssen JG see **Laarman G**
Tijssen JG see **Willems AR**
Tiliawi IS, Variakojis D. Refractory right ventricular failure due to granulocytic sarcoma. Arch Pathol Lab Med 1990 Sep;114(9):983–5
Tilles JG see **Chiu J**
Tillie I see **Leroy O**
Tillotson DL see **Quinn SJ**
Timiras PS see **Geokas MC**
Timsit J, Riou B, Bertherat J, Wisnewsky C, Kato NS, Weisberg AS, Lubetzki J, Lecarpentier Y, Winegrad S, Mercadier JJ. Effects of chronic growth hormone hypersecretion on intrinsic contractility, energetics, isomyosin pattern, and myosin adenosine triphosphatase activity of rat left ventricle. J Clin Invest 1990 Aug; 86(2):507–15
Tinajero JC see **Fabbri A**
Tindall B see **Harrison HC**
Tindall RS see **Scherrer U**
Tiner BD see **Van Sickels JE**
Ting A see **Tibone J**
Tinklenberg JA see **Doze VA**
Tintinalli JE. The need for coding systems to evaluate emergency medicine residency programs [editorial] Ann Emerg Med 1990 Jul;19(7):827–8
Tiong JT, Wisniewski ZS, Keogh EJ, Earle CM, Tulloch AG, Lord DJ, Harvey JM, Papadimitriou JM. Effects of a sclerosant, ethanolamine, on the venous drainage system of the dog penis. J Urol 1990 Aug;144(2 Pt 1):381–4
Tirelli U see **Barzan L**
Tirier C see **Hiddemann W**
Tirtokusumo S see **Riberu WA**
Tischler GL. Utilization management of mental health services by private third parties. Am J Psychiatry 1990 Aug;147(8):967–73 (41 ref.)
Tisherman SA, Safar P, Radovsky A, Peitzman A, Sterz F, Kuboyama K. Therapeutic deep hypothermic circulatory arrest in dogs: a resuscitation modality for hemorrhagic shock with 'irreparable' injury. J Trauma 1990 Jul; 30(7):836–47
Tison B see **Plum J**
Tittelbach H see **Oez S**
Titus L see **Nanes MS**
Tjoa HI, Kaplan NM. Treatment of hypertension in the elderly. JAMA 1990 Aug 22–29;264(8):1015–8 (32 ref.)
To T see **Crone LA**
Tobe T see **Ohshio G**
Tobias JD, Martin LD, Wetzel RC. Ketamine by continuous infusion for sedation in the pediatric intensive care unit. Crit Care Med 1990 Aug;18(8):819–21
Tobias JK, Santiago SM, Williams AJ. Sarcoidosis as a cause of left recurrent laryngeal nerve palsy. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):971–2
Tobin CE see **Poh-Fitzpatrick MB**
Tobin JD see **Sherman SS**
Tobin MJ. Dyspnea. Pathophysiologic basis, clinical presentation, and management. Arch Intern Med 1990 Aug; 150(8):1604–13 (97 ref.)
Tod ML see **Rubin LJ**
Todd JS. Problems with incentives [editorial; comment] JAMA 1990 Sep 12;264(10):1294–5. Comment on: JAMA 1990 Sep 12;264(10):1255–60. Comment on: JAMA 1990 Sep 12;264(10):1261–6.
Todd MR see **Barone JG**
Todo S see **Iwatsuki S**
Todo S see **Kataoka Y**
Todo S see **Tzakis AG**
Toews GB see **Dal Nogare AR**
Toffler WL see **Thomson B**
Toffol GJ, Swiontoniowski M. Transient global amnesia. Postgrad Med 1990 Aug;88(2):217–9 (22 ref.)
Toft AD see **Fleck BW**
Toge T see **Toi M**
Toghill PJ see **Fellows IW**
Toh BK see **Goldfarb LG**
Tohill J, McMorrow O. Pain relief in neonatal intensive care [letter] Lancet 1990 Sep 1;336(8714):569
Toi A see **Jumper BM**
Toi M, Nakamura T, Mukaida H, Wada T, Osaki A, Yamada H, Toge T, Niimoto M, Hattori T. Relationship between epidermal growth factor receptor status and various prognostic factors in human breast cancer. Cancer 1990 May 1;65(9):1980–4
Tojo M see **Kojima Y**
Tokagawa DA see **Lindan CP**
Tokuda N, Mano T, Levy RB. 1,25-Dihydroxyvitamin D3 antagonizes interferon-gamma-induced expression of class II major histocompatibility antigens on thyroid follicular and testicular Leydig cells. Endocrinology 1990 Sep; 127(3):1419–27
Tokugawa Y see **Nobunaga T**
Tokunaga K see **Matsuki K**
Tomai M see **Kotb M**
Tomaru T see **Geschwind HJ**
Tomashefski JF Jr see **Crass JR**
Tomaszewski MZ see **Hassenbusch SJ**
Tombs DG see **Snaith RP**
Tomichi N see **Katoh R**
Tominaga A see **Yamaguchi Y**
Tomioka H see **Yamamoto Y**
Tomita Y see **Eto M**
Tomkin GH, Owens D, Johnson A, Collins P. Apolipoprotein (a) and ischaemic heart disease [letter] Lancet 1990 Jul 28; 336(8709):251
Tomkins AM see **Behrens RH**
Tomlinson T, Brody H. Futility and the ethics of resuscitation [see comments] JAMA 1990 Sep 12;264(10):1276–80. Comment in: JAMA 1990 Sep 12;264(10):1295–6.
Tomoda Y see **Kamiya N**
Tomoeda S see **Nishiyama S**
Tompkins DS see **West AP**
Tompkins LS see **Kemper CA**
Tomson CR see **Lloyd DM**
Tomson T, Almkvist O, Nilsson BY, Svensson JO, Bertilsson L. Carbamazepine-10,11-epoxide in epilepsy. A pilot study. Arch Neurol 1990 Aug;47(8):888–92
Tonoki H, Fujieda K, Kajii N, Ozutsumi K, Nagano S, Niikawa N. Negative dystrophin staining in muscles of patients with complex glycerol kinase deficiency. J Pediatr 1990 Aug; 117(2 Pt 1):268–71
Tooke SM see **Davlin LB**
Toone BK see **Godfrey PS**
Toouli J. Clinical relevance of sphincter of Oddi dysfunction. Br J Surg 1990 Jul;77(7):723–4 (8 ref.)
Toouli J see **Wyman JB**
Topalian SL see **Rosenberg SA**
Topaz O, DiSciascio G, Vetrovec GW. Acute ventricular septal rupture: perspectives on the current role of ventriculography and coronary arteriography and their implication for surgical repair. Am Heart J 1990 Aug; 120(2):412–7 (31 ref.)
Topol EJ see **Williams DO**
Torbett BE see **Ernst DN**
Torgersen S. Comorbidity of major depression and anxiety disorders in twin pairs. Am J Psychiatry 1990 Sep; 147(9):1199–202
Torhorst J see **Staehelin J**
Torimoto Y see **Kanakura Y**
Tormey W see **Ohman EM**
Tornos MP, Permanyer-Miralda G, Evangelista A, Worner F, Candell J, Garcia-del-Castillo H, Soler-Soler J. Clinical evaluation of a prospective protocol for the timing of surgery in chronic aortic regurgitation. Am Heart J 1990 Sep;120(3):649–57
Torp-Pedersen S see **Glenthøj A**
Torre D, Issi M, Sampietro C, Fiori GP, Chelazzi G, Ferraro G. Plasma fibronectin concentrations in patients with human immunodeficiency virus infection. J Clin Pathol 1990 Jul;43(7):560–2
Torre JA see **Yeh TF**
Torres A, Aznar R, Gatell JM, Jiménez P, González J, Ferrer A, Celis R, Rodriguez-Roisin R. Incidence, risk, and prognosis factors of nosocomial pneumonia in mechanically ventilated patients. Am Rev Respir Dis 1990 Sep; 142(3):523–8
Torres M see **Gupta SK**
Torres M see **Rodríguez E**
Torres M see **Schneider RE**
Torres N see **Crowell PL**
Torres VE see **Telenti A**
Toscano V, Balducci R, Bianchi P, Mangiantini A, Sciarra F. Ovarian 17-ketosteroid reductase deficiency as a possible cause of polycystic ovarian disease. J Clin Endocrinol Metab 1990 Aug;71(2):288–92
Tosswill JH see **Salker R**
Tosteson AN see **Shmerling RH**
Tosteson TD see **Kojima Y**
Toth I see **Senaldi E**
Totterman S see **Francis CW**
Touber JL see **Berghout A**
Tourtellotte WW see **Baumhefner RW**
Toutouzas PK see **Michaelides AP**
Towbin B see **Young R**
Towfighi J see **Wilson WB**
Townley RG see **Davé NK**
Townsend CM Jr see **Evers BM**
Townsend J see **Meade TW**

Toy EC, Rinaldi MG, Savitch CB, Leibovitch ER. Endocarditis and hip arthritis associated with Scedosporium inflatum. South Med J 1990 Aug; 83(8):957–60 (17 ref.)
Toyoda N, Nishikawa M, Horimoto M, Yoshikawa N, Mori Y, Yoshimura M, Masaki H, Tanaka K, Inada M. Synergistic effect of thyroid hormone and thyrotropin on iodothyronine 5'-deiodinase in FRTL-5 rat thyroid cells. Endocrinology 1990 Sep;127(3):1199–205
Toyota T see Satoh J
Trachtenberg AI see Lindan CP
Tracy R see Schreiber TL
Tracy RP see Mann KG
Tracy TF Jr see Weber TR
Traganos F see Hruban RH
Trail IA, Galasko CS. The Matrix seating system. J Bone Joint Surg [Br] 1990 Jul;72(4):666–9
Traish AM, Wotiz HH. Monoclonal and polyclonal antibodies to human progesterone receptor peptide-(533–547) recognize a specific site in unactivated (8S) and activated (4S) progesterone receptor and distinguish between intact and proteolyzed receptors. Endocrinology 1990 Sep;127(3):1167–75
Tran MA see Senard JM
Tran-Paterson R, Boileau G, Giguère V, Letarte M. Comparative levels of CALLA/neutral endopeptidase on normal granulocytes, leukemic cells, and transfected COS-1 cells. Blood 1990 Aug 15;76(4):775–82
Trappe P see Chantelau E
Traskman-Bendz L see Jones JS
Travlos J, du Toit G. Spinal tuberculosis: beware the posterior elements. J Bone Joint Surg [Br] 1990 Jul;72(4):722–3
Treadwell MC, Thompson KE, Bottoms SF, Johnson MP, Evans MI. Perinatal characteristics of the phenotypically and chromosomally abnormal live-born. Obstet Gynecol 1990 Sep;76(3 Pt 1):378–80
Trefz FK see Grodd W
Treible D see Green N
Treisser A see Cabrol D
Tremblay M, Wainberg MA. Neutralization of multiple HIV-1 isolates from a single subject by autologous sequential sera. J Infect Dis 1990 Sep;162(3):735–7
Trempe CL see Akiba J
Trent B. GP psychotherapy: its popularity is growing among patients and MDs. Can Med Assoc J 1990 Aug 15; 143(4):320–3
Trentham DE see Shmerling RH
Trentin L see Agostini C
Trepo CL see Kreek MJ
Treviño MA see Díaz M
Tribble CG see Daniel TM
Tribukait B see Stege R
Tribukait B see Wijkström H
Triffon DW see Florek RC
Trigaux JP, van Beers B, Weynants P. Hour-glass lipoma. Br J Radiol 1990 Jun;63(750):497–8
Triguero D see Pardridge WM
Trindade JC, Rangel MC, Ross JH, Jojima K, Stowe NT, Kay R, Pontes JE. Influence of nephrectomy on the growth of a murine Wilms tumor: a study using parabiotic rats. J Urol 1990 Aug;144(2 Pt 2):418–21; discussion 422
Tripodi A see Mattioli S
Triposkiadis FK see Michaelides AP
Trivedi A see Bhattacharyya SS
Trivedi P see Sokal EM
Trivedi SN see Bhatavdekar JM
Trivelli G see Davanzo H
Trojani M see de Mascarel I
Trollfors B see Krantz I
Trooskin SZ see Flancbaum L
Tropé C see Vergote IB
Troupp H see Ondra SL
Troussard X see Milpied N
Trowbridge A see Jackson JA
True LD see Redlich CA
True WR see Henderson WG
Trujillo A see López-Vidal Y
Trujillo JM see Jiang XY
Trulock EP see Miyoshi S
Truman S see Leor J
Truog WE see Jackson JC
Trussell J, Hatcher RA, Cates W Jr, Stewart FH, Kost K. A guide to interpreting contraceptive efficacy studies. Obstet Gynecol 1990 Sep;76(3 Pt 2):558–67 (31 ref.)
Truwit CL, Barkovich AJ, Gean-Marton A, Hibri N, Norman D. Loss of the insular ribbon: another early CT sign of acute middle cerebral artery infarction. Radiology 1990 Sep;176(3):801–6
Trygg K see Flaten H
Trzaskos JM see Rennert H
Tsai WY see Neugut AI
Tsang SS see Fok TF
Tsang VC see Gonzalez AE
Ts'ao C see Ward WF
Tschada RK see Mickisch GH
Tschetter LK see Martin JK Jr
Tscholakoff D see Schurawitzki H
Tse AG see Pezzella F
Tsimoyiannis E see Nauta RJ
Tsubota N see Yamaguchi M
Tsuda K see Koh G
Tsudo M see Hoshino S
Tsudo M see Karray S
Tsueda K see Huang KC
Tsugawa C see Yamaguchi M
Tsugaya M, Hirao N, Sakagami H, Iwase Y, Watase H, Ohtaguro K, Washida H. Computerized tomography in acute pyelonephritis: the clinical correlations. J Urol 1990 Sep;144(3):611–3
Tsuiki K see Hosoya Y
Tsuiki K see Ozawa T
Tsukahara N see Kurokawa S
Tsukayama DT see Ney AL
Tsukidate K see Nagakawa J
Tsuneoka K see Tanikawa S
Tsutsui K see Shibamoto Y
Tsutsui Y see Kawai H
Tu T see Friedman E
Tuazon M see Watt G
Tubau JF see Szlachcic J
Tubbs RR see Gephardt GN
Tucci C see Janerich DT
Tuchy GE see Rebeyka IM
Tucker BJ. Early onset of increased transcapillary albumin escape in awake diabetic rats. Diabetes 1990 Aug; 39(8):919–23
Tucker HM see Eliachar I
Tucker LA, Friedman GM. Walking and serum cholesterol in adults. Am J Public Health 1990 Sep;80(9):1111–3
Tucker MC, Rusnock EJ, Azumi N, Hoy GR, Lack EE. Gingival granular cell tumors of the newborn. An ultrastructural and immunohistochemical study. Arch Pathol Lab Med 1990 Aug;114(8):895–8
Tucker MS see Miller CG
Tucker RM see Kramer MR
Tucker SB see Edwards L
Tugwell P see Strom BL
Tuley MR see Mulrow CD
Tullgren O see Grimfors G
Tullo NG, Saksena S, Krol RB, Mauro AM, Kunecz D. Management of complications associated with a first-generation endocardial defibrillation lead system for implantable cardioverter-defibrillators. Am J Cardiol 1990 Aug 15;66(4):411–5
Tulloch AG see Tiong JT
Tullous MW, Skerhut HE, Story JL, Brown WE Jr, Eidelberg E, Dadsetan MR, Jinkins JR. Cauda equina syndrome of long-standing ankylosing spondylitis. Case report and review of the literature. J Neurosurg 1990 Sep;73(3):441–7 (38 ref.)
Tumeh SS, Nagel JS, English RJ, Moore M, Holman BL. Cerebral abnormalities in cocaine abusers: demonstration by SPECT perfusion brain scintigraphy. Work in progress. Radiology 1990 Sep;176(3):821–4
Tunick PA, Freedberg RS, Schrem SS, Kronzon I. Unusual mitral annular vegetation diagnosed by transesophageal echocardiography. Am Heart J 1990 Aug;120(2):444–6
Tunick PA, Kronzon I. Protruding atherosclerotic plaque in the aortic arch of patients with systemic embolization: a new finding seen by transesophageal echocardiography. Am Heart J 1990 Sep;120(3):658–60
Tuomala RE see Harger JH
Tuomanen E, Schwartz J, Sande S. The vir locus affects the response of Bordetella pertussis to antibiotics: phenotypic tolerance and control of autolysis. J Infect Dis 1990 Aug; 162(2):560–3
Tupper CJ. Dreams, dollars, and deeds. The sacred fire and health access America. JAMA 1990 Sep 5;264(9):1150–2
Tur-Kaspa I. Hyperbaric oxygen therapy for air embolism complicating operative hysteroscopy [letter] Am J Obstet Gynecol 1990 Aug;163(2):680–1
Tura JM see Monso E
Turgeon JL, Waring DW. Rapid augmentation by progesterone of agonist-stimulated luteinizing hormone secretion by cultured pituitary cells. Endocrinology 1990 Aug;127(2):773–80
Turhal N, Sullivan MB, Blakemore WS. Thyroglossal duct cyst [letter] South Med J 1990 Aug;83(8):983–4
Turino GM see Cantor JO
Turk JL see Mitchell IC
Turkelson CM, Reeve JR Jr, Solomon TE. Low immunoreactivity of canine cholecystokinin-58. Gastroenterology 1990 Sep;99(3):646–51
Turnbull A see Murphy KW
Turner AR see Nimmo GR
Turner DR see Mueller UW
Turner J see Rubin DB
Turner MS see Abdon P
Turner PC, Gammie AJ, Hollinrake K, Codd GA. Pneumonia associated with contact with cyanobacteria. BMJ 1990 Jun 2;300(6737):1440–1
Turner RB see Pribble CG
Turner RT, Colvard DS, Spelsberg TC. Estrogen inhibition of periosteal bone formation in rat long bones: down-regulation of gene expression for bone matrix proteins. Endocrinology 1990 Sep;127(3):1346–51
Turner T see Hudson I
Turnland JR, Smith RG, Kretsch MJ, Keyes WR, Shah AG. Milk's effect on the bioavailability of iron from cereal-based diets in young women by use of in vitro and in vivo methods. Am J Clin Nutr 1990 Aug;52(2):373–8
Tuzcu EM, Emre A, Goormastic M, Loop FD, Underwood DA. Incidence and prognostic significance of intraventricular conduction abnormalities after coronary bypass surgery. J Am Coll Cardiol 1990 Sep;16(3):607–10
Twentyman OP see Djukanovic R
Twomey CK see Young WF Jr
Tyler B see Bronspiegel-Weintrob N
Tyler HN Jr see Hopper KD
Tynan EA see Rothman DJ
Tynan M see Ladusans EJ
Tyrrell SN see Barrett JF
Tyson JE see Casey PH
Tytgat GN see Coene PP
Tytgat GN, Nicolai JJ, Reman FC. Efficacy of different doses of cimetidine in the treatment of reflux esophagitis. A review of three large, double-blind, controlled trials. Gastroenterology 1990 Sep;99(3):629–34
Tzakis AG, Ricordi C, Alejandro R, Zeng Y, Fung JJ, Todo S, Demetris AJ, Mintz DH, Starzl TE. Pancreatic islet transplantation after upper abdominal exenteration and liver replacement. Lancet 1990 Aug 18;336(8712):402–5

U

Ucci G see Riccardi A
Uchibayashi T see Amano T
Uchida T see Evers BM
Uchida Y, Nakamura F, Oshima T, Fujimori Y, Hirose J. Percutaneous fiberoptic angioscopy of the left ventricle in patients with dilated cardiomyopathy and acute myocarditis. Am Heart J 1990 Sep;120(3):677–87
Uchino F see Ishihara T
Uchiumi Y see Izumi H
Udeinya IJ. In vitro and ex-vivo models of sequestration in Plasmodium falciparum infection. Am J Trop Med Hyg 1990 Aug;43(2 Pt 2):2–5 (16 ref.)
Uden DL see Green TP
Udeshi U see Mike N
Udvarhelyi IS, Rosborough T, Lofgren RP, Lurie N, Epstein AM. Teaching status and resource use for patients with acute myocardial infarction: a new look at the indirect costs of graduate medical education. Am J Public Health 1990 Sep;80(9):1095–100
Udwadia ZF, Wright MJ, McIntosh LG, Leitch AG. Confusing serological abnormalities in bird fancier's lung. BMJ 1990 Jun 9;300(6738):1519
Ueda H see Minamoto T
Ueda M see Igawa M
Ueki T see Igawa M
Uematsu S. Surgical management of complex partial seizures [clinical conference] JAMA 1990 Aug 8;264(6):734–7
Uh SH see Gibson DL
Ulchaker MM see Sheehan JP
Ulíbarri JI, Sanz Y, Fuentes C, Mancha A, Aramendia M, Sánchez S. Reduction of lymphorrhagia from ruptured thoracic duct by somatostatin [letter] Lancet 1990 Jul 28; 336(8709):258
Ulich TR, del Castillo J, McNiece I, Watson L, Yin SM, Andresen J. Hematologic effects of recombinant murine granulocyte-macrophage colony-stimulating factor on the peripheral blood and bone marrow. Am J Pathol 1990 Aug; 137(2):369–76
Ullman A, Hedner J, Svedmyr N. Inhaled salmeterol and salbutamol in asthmatic patients. An evaluation of asthma symptoms and the possible development of tachyphylaxis. Am Rev Respir Dis 1990 Sep;142(3):571–5
Ulmer AJ see Kretschmer C
Umehara I see Koike A
Umekawa T see Iguchi M
Underwood DA see Tuzcu EM
Underwood JC. Hepatitis C virus and transfusion transmitted liver disease: review. J Clin Pathol 1990 Jun;43(6):445–7 (40 ref.)
Underwood LE see Davenport ML
Underwood PB Jr see Nichols GE
Ungar BL see Ravdin JI
Unger BW see Phelps JL
Unger ER see Guarner J
Unger PD, Cohen JM, Thung SN, Gordon R, Pertsemlidis D, Dikman SH. Lipid degeneration in a pheochromocytoma histologically mimicking an adrenal cortical tumor. Arch Pathol Lab Med 1990 Aug; 114(8):892–4
Unger R, Kreeger L, Christoffel KK. Childhood obesity. Medical and familial correlates and age of onset. Clin Pediatr (Phila) 1990 Jul;29(7):368–73
Ungerleider RM, Greeley WJ, Sheikh KH, Philips J, Pearce FB, Kern FH, Kisslo JA. Routine use of intraoperative epicardial echocardiography and Doppler color flow imaging to guide and evaluate repair of congenital heart lesions. A prospective study. J Thorac Cardiovasc Surg 1990 Aug;100(2):297–309
Unicomb LE see Sethabutr O
Unnykrishnan P see Raju KG
Uno JM see Scully JM
Unterman TG, Oehler DT, Gotway MB, Morris PW. Production of the rat type 1 insulin-like growth factor-binding protein by well differentiated H4EIIC3 hepatoma cells: identification, purification, and N-terminal amino acid analysis. Endocrinology 1990 Aug; 127(2):789–97
Unuma T see Shiina S
Upadhyay R see McKinlay AW
Urano T see Makino S
Urasawa S see Matson DO

Urbaniak JR. Certificates of added qualifications in orthopedic surgery. Clin Orthop 1990 Aug;(257):52–6
Urbistondo MD see **Martinez JA**
Uribe M see **Nauta RJ**
Urmacher C see **Kaiser LR**
Urman B see **Durukan T**
Urschel HC Jr, Razzuk MA, Netto GJ, Disiere J, Chung SY. Sclerosing mediastinitis: improved management with histoplasmosis titer and ketoconazole. Ann Thorac Surg 1990 Aug;50(2):215–21
Ursin H see **Wilhelmsen I**
Ursprung JJ see **Silverman HJ**
Usami M see **Koh G**
Usherwood TP, Scrimgeour A, Barber JH. Questionnaire to measure perceived symptoms and disability in asthma. Arch Dis Child 1990 Jul;65(7):779–81
Ushio Y see **Kuratsu J**
Usui T see **Igawa M**
Uta Y see **Shiina S**
Utian WH see **Gorodeski GI**
Utsunomiya A see **Kuwazuru Y**
Uttamchandani RB see **Kramer MR**
Uveges JM, Parker JC, Smarr KL, McGowan JF, Lyon MG, Irvin WS, Meyer AA, Buckelew SP, Morgan RK, Delmonico RL, et al. Psychological symptoms in primary fibromyalgia syndrome: relationship to pain, life stress, and sleep disturbance. Arthritis Rheum 1990 Aug;33(8):1279–83

V

v.d. Naalt J see **Dofferhoff AS**
Vaccher E see **Barzan L**
Vacchi S see **Gobbi PG**
Vacek JL see **Beauchamp GD**
Vafai A see **Mahalingam R**
Vahlne A see **Bergström T**
Vaira D see **Dowsett JF**
Vajcik J see **Sattar MA**
Vakharia DD, Dias JA, Thakur AN, Andersen TT, O'Shea A. Mapping of an assembled epitope of human follicle-stimulating hormone-beta utilizing monoclonal antibodies, synthetic peptides, and hormone-receptor inhibition. Endocrinology 1990 Aug;127(2):658–66
Vakkuri O see **Rönnberg L**
Valadka RJ see **D'Agostino J**
Valas RB see **Ezquerra A**
Valderrama E see **Venkataseshan VS**
Valdez RB see **Wood D**
Valdimarsson H see **Bardardottir E**
Vale JM see **Innanen VT**
Vale W see **Petraglia F**
Vale W see **Rivier C**
Valea FA see **Thorp JM Jr**
Valente M see **Mastroiacovo P**
Valentine MC. Bacteria in epidermal cysts [letter] Arch Dermatol 1990 Aug;126(8):1103
Valentine PA see **Warren RJ**
Valetto MR see **Ghigo E**
Valk PE, Jagust WJ, Derenzo SE, Huesman RH, Geyer AB, Budinger TF. Clinical evaluation of a high-resolution (2.6-mm) positron emission tomography. Radiology 1990 Sep;176(3):783–90
Valla D see **Bouvet JP**
Valle J see **Strom CM**
Vallés M see **Joven J**
Valman HB see **Earley A**
Valnes K, Huitfeldt HS, Brandtzaeg P. Relation between T cell number and epithelial HLA class II expression quantified by image analysis in normal and inflamed human gastric mucosa. Gut 1990 Jun;31(6):647–52
Valone F see **Barthelson R**
Valverde J see **Oms L**
Vamvakopoulos N see **Margioris AN**
Van LP, Spengler DH, Holsboer F. Glucocorticoid repression of 3',5'-cyclic-adenosine monophosphate-dependent human corticotropin-releasing-hormone gene promoter activity in a transfected mouse anterior pituitary cell line. Endocrinology 1990 Sep;127(3):1412–8
Van R see **Rauch AM**
Vanagunas A see **Jacob P**
van Alphen L, Klein M, Geelen-van den Broek L, Riemens T, Eijk P, Kamerling JP. Biochemical characterization and worldwide distribution of serologically distinct lipopolysaccharides of Haemophilus influenzae type b. J Infect Dis 1990 Sep;162(3):659–63
Van Assche FA. Anencephalics as organ donors. Am J Obstet Gynecol 1990 Aug;163(2):599–600
van Beers B see **Trigaux JP**
Vanbelois HJ see **Varboncoeur AP**
van Berge Henegouwen GP see **van Erpecum KJ**
vanBerkum-Clark M see **Hoyt DB**
van Beusekom C, Martini IA, Rutgers HM, Boersma ER, Muskiet FA. A carbohydrate-rich diet not only leads to incorporation of medium-chain fatty acids (6:0–14:0) in milk triglycerides but also in each milk-phospholipid subclass. Am J Clin Nutr 1990 Aug;52(2):326–34
Van Bever HP, Stevens WJ. Evolution of the late asthmatic reaction during immunotherapy and after stopping immunotherapy. J Allergy Clin Immunol 1990 Aug; 86(2):141–6
van Blankenstein M see **Geldof H**
van Bockel JH see **Geelkerken RH**
Van Buren CT. Selection of subjects in community studies [letter] Mayo Clin Proc 1990 Jul;65(7):1030
van Capelle FJ see **Willems AR**
Van Cauter E see **O'Meara NM**
Vance F see **Curtis AB**
Vance ML see **Baumann G**
van Dam PA, Shepherd JH, Lowe DG, Watson JV. Flow cytometric quantitation of tumor-associated antigens in solid tumors [letter] Am J Obstet Gynecol 1990 Aug; 163(2):698–9
van de Kaa CA see **van Klaveren RJ**
van de Rijn M, Weissman IL, Siegelman M. Biosynthesis pathway of gp90MEL-14, the mouse lymph node-specific homing receptor. J Immunol 1990 Sep 1;145(5):1477–82
van de Velde R see **Wolfson DJ**
van de Woestijne KP see **van den Elshout FJ**
Vandemark RM. Radiology of the cervical spine in trauma patients: practice pitfalls and recommendations for improving efficiency and communication. AJR Am J Roentgenol 1990 Sep;155(3):465–72 (21 ref.)
van den Brand M see **Suryapranata H**
van den Elshout FJ, van de Woestijne KP, Folgering HT. Variations of respiratory impedance with lung volume in bronchial hyperreactivity. Chest 1990 Aug;98(2):358–64
Van den Hof MC see **Aristidou A**
Vandenberg BF, Kerber RE. Effect of altered flow on mitral valve anulus in dogs. Am J Cardiol 1990 Aug 15; 66(4):515–7
Vandenbroucke JP. Tracking AIDS epidemic in libraries [letter] Lancet 1990 Aug 4;336(8710):318
Vandepitte J see **Van Noyen R**
van der Bijl P see **Roelofse JA**
van der Giessen M see **Tervaert JW**
van der Heijden PF see **Kremer JA**
van der Hem GK see **Tervaert JW**
van der Linden IK see **Bertina RM**
Van der Merwe CA see **Richards GA**
van der Mooren K see **van Eyck J**
van der Riet F. Isolation of "Mycoplasma incognitus" [letter] Lancet 1990 Jul 28;336(8709):247
van der Schee EJ see **Geldof H**
van der Werken C see **Roukema JA**
Vandereycken W, Lowenkopf EL. Anorexia nervosa in 19th century America. J Nerv Ment Dis 1990 Aug;178(8):531–5
Vanderschueren RG see **Slebos RJ**
Vanderschueren-Lodeweyckx M see **de Zegher F**
van Dokkum AM see **Mattie H**
van Dongen JA see **Jonk A**
van Dusseldorp M, Katan MB. Headache caused by caffeine withdrawal among moderate coffee drinkers switched from ordinary to decaffeinated coffee: a 12 week double blind trial. BMJ 1990 Jun 16;300(6739):1558–9
Van Dyck E see **De Muylder X**
Van Dyk L see **Fabry Z**
van Egmond J see **Kho HG**
van Erpecum KJ, van Berge Henegouwen GP, Stolk MF, Hopman WP, Jansen JB, Lamers CB. Effects of ursodeoxycholic acid on gallbladder contraction and cholecystokinin release in gallstone patients and normal subjects. Gastroenterology 1990 Sep;99(3):836–42
van Even P see **Martorana PA**
van Eyck J, van der Mooren K, Wladimiroff JW. Ductus arteriosus flow velocity modulation by fetal breathing movements as a measure of fetal lung development. Am J Obstet Gynecol 1990 Aug;163(2):558–66
van Eyll C see **Pouleur H**
van Garsse LG, Boeykens PP. Two patients with eosinophilia myalgia syndrome associated with tryptophan. BMJ 1990 Jul 7;301(6742):21
van Gerwen PH see **Luyten PR**
van Haelst UJ see **van Klaveren RJ**
Van Hare GF see **Cassidy SC**
van Herpen G see **Kornreich F**
Van Holten VD see **Percy C**
van Hoogenhuyze DC see **Willems AR**
van Hoonacker G see **Driessen JJ**
Van Hoorebeeck N see **Sokal EM**
Van Itallie TB see **Katzeff HL**
van Klaveren RJ, de Mulder PH, Boerbooms AM, van de Kaa CA, van Haelst UJ, Wagener DJ, Hafkenscheid JC. Pancreatic carcinoma with polyarthritis, fat necrosis, and high serum lipase and trypsin activity. Gut 1990 Aug; 31(8):953–5
van Krieken JH, Raffeld M, Raghoebier S, Jaffe ES, van Ommen GJ, Kluin PM. Molecular genetics of gastrointestinal non-Hodgkin's lymphomas: unusual prevalence and pattern of c-myc rearrangements in aggressive lymphomas. Blood 1990 Aug 15;76(4):797–800
Van Le L see **Stern JL**
van Lent M see **Akkersdijk GJ**
Van Loon J see **Lennard L**
Van Marter LJ, Leviton A, Kuban KC, Pagano M, Allred EN. Maternal glucocorticoid therapy and reduced risk of bronchopulmonary dysplasia. Pediatrics 1990 Sep; 86(3):331–6
van Montfrans GA, Karemaker JM, Wieling W, Dunning AJ. Relaxation therapy and continuous ambulatory blood pressure in mild hypertension: a controlled study. BMJ 1990 May 26;300(6736):1368–72
Vanneste J see **Imanse J**
Vanni TM see **Goldberg IJ**
van Nostrand P see **Burford-Mason A**
Van Noyen R, Selderslaghs R, Bekaert J, Wauters G, Vandepitte J. Bacterial ileocaecitis and appendicitis [letter] Lancet 1990 Aug 25;336(8713):518
Vannucci SJ see **Martin LF**
Van Obbergh L see **Sokal EM**
van Ommen GJ see **van Krieken JH**
Van Oostveldt P see **Allaerts W**
Van Putten T, Marder SR, Wirshing WC, Chabert N, Aravagiri M. Surreptitious noncompliance with oral fluphenazine in a voluntary inpatient population [letter] Arch Gen Psychiatry 1990 Aug;47(8):786–7
Van Putten T, Marder SR, Mintz J. A controlled dose comparison of haloperidol in newly admitted schizophrenic patients. Arch Gen Psychiatry 1990 Aug;47(8):754–8
van Raaij JM, Schonk CM, Vermaat-Miedema SH, Peek ME, Hautvast JG. Energy cost of physical activity throughout pregnancy and the first year postpartum in Dutch women with sedentary lifestyles. Am J Clin Nutr 1990 Aug; 52(2):234–9
Van Rensburg AJ see **Richards GA**
Van Rensburg CE see **Richards GA**
van Roosmalen J. Safe motherhood: cesarean section or symphysiotomy? Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):1–4
van Schravendijk MR see **Howard RJ**
Van Scoy RE see **Telenti A**
van Seters AP see **Haak HR**
Van Sickels JE, Tiner BD, Jeter TS. Rigid fixation of the intraoral inverted 'L' osteotomy. J Oral Maxillofac Surg 1990 Aug;48(8):894–8
Van Sickle M, Kaufman RH, Adam E, Adler-Storthz K. Detection of human papillomavirus DNA before and after development of invasive vulvar cancer. Obstet Gynecol 1990 Sep;76(3 Pt 2):540–2
van Sluijs FJ see **Reul JM**
vanSonnenberg E see **Robbins KT**
van Steirteghem A see **Glinoer D**
van Strijen E see **Mattie H**
van't Hoff WG see **Moorthy B**
Van Thiel DH see **Arria AM**
Van Tol A see **Staels B**
Vantrappen G see **Depoortere I**
VanTrigt P see **Reves JG**
Van Voorhis BJ, Huettner PC, Clark MR, Hill JA. Immunohistochemical localization of prostaglandin H synthase in the female reproductive tract and endometriosis. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):57–62
Van Westenbrugge JA see **Gimbel HV**
van Wichen D see **Parmentier HK**
van Wijngaarden A see **Bertina RM**
Van Winter JT, Simmons PS. A proposal for obstetric and pediatric management of adolescent pregnancy [see comments] Mayo Clin Proc 1990 Aug;65(8):1061–6. Comment in: Mayo Clin Proc 1990 Aug;65(8):1152–4.
Van Woert JH, Thompson RC, Cangemi JR, Metzger PP, Blackshear JL, Fleming CR. Streptokinase therapy for extensive venous thromboses in a patient with severe ulcerative colitis. Mayo Clin Proc 1990 Aug;65(8):1144–9
Van Wyck L see **Lo AK**
Van Wyk JJ see **Hepler JE**
van Zandwijk N see **Slebos RJ**
van Zeyl LG see **Laarman G**
van Zyl-Smit R see **Kahn D**
Varboncoeur AP, Vanbelois HJ, Bowen LL. Osteoma of the maxillary sinus. J Oral Maxillofac Surg 1990 Aug; 48(8):882–3
Vardi Y, Siroky MB. Hemodynamics of pelvic nerve induced erection in a canine model. I. Pressure and flow. J Urol 1990 Sep;144(3):794–7
Varela LR see **Janerich DT**
Varesio L see **Espinoza-Delgado I**
Vargas C see **Hedberg K**
Variakojis D see **Feigert JM**
Variakojis D see **Tillawi IS**
Varizi ND see **Elias AN**
Varley GA, Macsai MS, Krachmer JH. The results of penetrating keratoplasty for pellucid marginal corneal degeneration. Am J Ophthalmol 1990 Aug 15;110(2):149–52
Varma DK see **Pope HG Jr**
Várnai P see **Balla T**
Varnell RM see **Liddell RM**
Varner LM see **Howat PM**
Varner RE. Retropubic long-needle suspension procedures for stress urinary incontinence. Am J Obstet Gynecol 1990 Aug;163(2):551–7
Varney RR see **Robbins KT**
Varona-Lopez W see **Teculescu DB**
Vasey M see **Koch KL**
Vasquez JA see **Li GC**
Vaughan C see **Nino-Murcia M**
Vaughan JP see **Victora CG**
Vaughan WP see **Haire WD**
Vaughn TR, Louton RB, Terranova WT. A large leiomyoma of the digit [letter] Plast Reconstr Surg 1990 Sep; 86(3):605–6
Vaughn V see **Carlan SJ**
Vaughn WK see **Peters TG**
Vawter GF see **Jung WH**
Vayda E see **Williams AP**
Vazquez M see **Isenberg SJ**
Vedder NB see **Mileski WJ**

Vega GL see **Grundy SM**
Veidenheimer MC see **Schoetz DJ Jr**
Veisler A see **Quitt M**
Veitch PS see **Nicholson ML**
Veith FJ see **Gupta SK**
Velanovich V. Choice of treatment for stage I floor-of-mouth cancer. A decision analysis. Arch Otolaryngol Head Neck Surg 1990 Aug;116(8):951-6
Velasco CE see **Shawl FA**
Velasco JJ see **Martinez JA**
Veldhuis JD, Iranmanesh A, Johnson ML, Lizarralde G. Amplitude, but not frequency, modulation of adrenocorticotropin secretory bursts gives rise to the nyctohemeral rhythm of the corticotropic axis in man. J Clin Endocrinol Metab 1990 Aug;71(2):452-63
Veldhuis JD see **Samuels MH**
Velez R see **Mulrow CD**
Vella EJ see **Marcus RT**
Veloski JJ see **Hojat M**
Veltri EP see **Calkins H**
Vene S see **Eitrem R**
Venkataseshan VS, Lieberman K, Kim DU, Thung SN, Dikman S, D'Agati V, Susin M, Valderrama E, Gauthier B, Prakash A, et al. Hepatitis-B-associated glomerulonephritis: pathology, pathogenesis, and clinical course. Medicine (Baltimore) 1990 Jul;69(4):200-16
Venkatraman JT see **Waymack JP**
Venning VA see **Padel AF**
Ventrucci M see **Gullo L**
Venturoli S, Fabbri R, Dal Prato L, Mantovani B, Capelli M, Magrini O, Flamigni C. Ketoconazole therapy for women with acne and/or hirsutism. J Clin Endocrinol Metab 1990 Aug;71(2):335-9
Venus B see **Smith RA**
Verano A see **Pachon J**
Verastegui M see **Gonzalez AE**
Verber IG, Bain M. Glucose polymer regimens and hypernatraemia. Arch Dis Child 1990 Jun;65(6):627-8
Verbraak FD see **Breebaart AC**
Vercauteren M, Lauwers E, Meert T, De Hert S, Adriaensen H. Comparison of epidural sufentanil plus clonidine with sufentanil alone for postoperative pain relief. Anaesthesia 1990 Jul;45(7):531-4
Vercelli D see **Lauener RP**
Vercellini P see **Fedele L**
Vercellotti GM see **Maruyama M**
Verdier S see **Levesque H**
Verdonck LF see **Dekker AW**
Verfaellie M see **Kaplan RF**
Vergani D see **Lobo-Yeo A**
Vergeront JM see **Hoxie NJ**
Vergote IB, Abeler VM, Kjørstad KE, Tropé C. Management of malignant ovarian immature teratoma. Role of adriamycin. Cancer 1990 Sep 1;66(5):882-6 (33 ref.)
Verhest A, Kiss R, d'Olne D, Larsimont D, Salmon I, de Launoit Y, Fourneau C, Pasteels JL, Pector JC. Characterization of human colorectal mucosa, polyps, and cancers by means of computerized morphonuclear image analyses. Cancer 1990 May 1;65(9):2047-54
Verhoeven G see **Staels B**
Verity K see **Taylor RG**
Verity MA see **Ferreiro JA**
Verlinsky Y see **Strom CM**
Vermaat-Miedema SH see **van Raaij JM**
Vermeij CG, Feenstra BW, Bruining HA. Oxygen delivery and oxygen uptake in postoperative and septic patients. Chest 1990 Aug;98(2):415-20
Vermesh M see **Levin JH**
Vermeulen A see **Offner F**
Vermeulen FE see **Willems AR**
Vermilion BD see **Evans WE**
Vernon DD, Dean JM, McGough EC. Pediatric extracorporeal membrane oxygen. The time for anecdotes is over [editorial] Am J Dis Child 1990 Aug;144(8):855-6
Vernon DD see **Quaife EJ**
Vernon HJ, Lane AT, Wischerath LJ, Davis JM, Menegus MA. Semipermeable dressing and transepidermal water loss in premature infants. Pediatrics 1990 Sep;86(3):357-62
Verroust PJ see **Budisavljevic M**
Versi E see **Tapp AJ**
Vertes V see **Saunders E**
Vertrees RA see **DelRossi AJ**
Vervloet D see **Charpin D**
Vervloet D see **Lagier F**
Vessey MP see **Black NA**
Vetere-Overfield B see **Koller W**
Vetrovec GW see **DiSciascio G**
Vetrovec GW see **Nath A**
Vetrovec GW see **Topaz O**
Vettorazzi M see **Schneider RE**
Veyckemans F see **Sokal EM**
Veyrac M see **Domergue J**
Veyssier-Belot C, Couderc LJ, Desgranges C, Leblond V, Dairou F, Caubarrere I, de Gennes JL. Kaposi's sarcoma and HTLV-I infection [letter] Lancet 1990 Sep 1; 336(8714):575
Viala P see **Polonovski JM**
Viale JP see **Annat GJ**
Viallet F see **Routy JP**
Viani L, Jones AS, Clarke R. Nasal airflow in inspiration and expiration. J Laryngol Otol 1990 Jun;104(6):473-6
Viano DC. A blueprint for injury control in the United States. Public Health Rep 1990 Jul-Aug;105(4):329-33
Vick GW 3d see **Ludomirsky A**
Vickers-Lahti M see **Celoria G**
Victor MF see **Karalis DG**
Victor RG see **Scherrer U**
Victor S, Kabeer M. Is systemic cooling essential for open heart surgery? [letter] Ann Thorac Surg 1990 Aug; 50(2):334-5
Victora CG, Barros FC, Kirkwood BR, Vaughan JP. Pneumonia, diarrhea, and growth in the first 4 y of life: a longitudinal study of 5914 urban Brazilian children. Am J Clin Nutr 1990 Aug;52(2):391-6
Victora CG, Huttly SR, Barros FC, Vaughan JP. Caesarean section and duration of breast feeding among Brazilians. Arch Dis Child 1990 Jun;65(6):632-4
Vidailhet MJ, Bonnet AM, Belal S, Dubois B, Marle C, Agid Y. Ropinirole without levodopa in Parkinson's disease [letter] Lancet 1990 Aug 4;336(8710):316-7
Vidal F, Perez J, Morancho J, Pinto B, Richart C. Hepatic alcohol dehydrogenase activity in alcoholic subjects with and without liver disease. Gut 1990 Jun;31(6):707-11
Vidins E see **Laskin CA**
Vierling JM, Howell CD. Disappearing bile ducts: immunologic mechanisms. Hosp Pract [Off] 1990 Jul 15; 25(7):141-50
Vietti TJ see **Cangir A**
Vilardell M see **Monteagudo M**
Vildé JL see **Perronne C**
Vilella E see **Joven J**
Vilella R see **Martorell J**
Vilgrain V, Erlinger S, Belghiti J, Degott C, Menu Y, Nahum H. Cholangiographic appearance simulating sclerosing cholangitis in metastatic adenocarcinoma of the liver. Gastroenterology 1990 Sep;99(3):850-3
Viligiardi RG see **Massimo CG**
Vilja P see **Klockars M**
Villa G see **Piazza V**
Villabona C see **Joven J**
Villanueva-Meyer J see **Pascual JA**
Villar J, de Onis M, Kestler E, Bolaños F, Cerezo R, Bernedes H. The differential neonatal morbidity of the intrauterine growth retardation syndrome. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):151-7
Villumsen J, Alm A. The effect of adding prostaglandin F2 alpha-isopropylester to timolol in patients with open angle glaucoma. Arch Ophthalmol 1990 Aug;108(8):1102-5
Vilstrup H see **Almdal TP**
Vinceneux P see **Pouchot J**
Vincent CA see **Ennis M**
Vincent JD see **Lledo PM**
Vincent ME see **Nino-Murcia M**
Vincenzi M see **Bedogni F**
Vindrola O, Padrós MR, Sterin-Prune A, Ase A, Finkielman S, Nahmod V. Proenkephalin system in human polymorphonuclear cells. Production and release of a novel 1.0-kD peptide derived from synenkephalin. J Clin Invest 1990 Aug;86(2):531-7
Viner C see **Jones A**
Viney J, MacDonald TT, Spencer J. Gamma/delta T cells in the gut epithelium. Gut 1990 Aug;31(8):841-4 (34 ref.)
Vinnars E see **Petersson B**
Vinters HV, Nishimura GS, Secor DL, Pardridge WM. Immunoreactive A4 and gamma-trace peptide colocalization in amyloidotic arteriolar lesions in brains of patients with Alzheimer's disease. Am J Pathol 1990 Aug; 137(2):233-40
Virjee J see **Nixon J**
Virji A. A study of patients attending without appointments in an urban general practice. BMJ 1990 Jul 7;301(6742):22-6
Virtanen I see **Ylänne J**
Viscarello RR see **Kier R**
Viscoli CM see **Horwitz RI**
Viseskul C see **Bliwise DL**
Viskin S, Belhassen B. Idiopathic ventricular fibrillation. Am Heart J 1990 Sep;120(3):661-71 (127 ref.)
Visnesky PM, Texter JH, Gale PC, Walker GG, McRae MA. Genital outflow tract obstruction in an adolescent with cloacal exstrophy. Obstet Gynecol 1990 Sep;76(3 Pt 2):548-51
Visser GH see **Ribbert LS**
Visser W see **Diepersloot RJ**
Vissing SF see **Scherrer U**
Visticot F see **Leroy O**
Vita N see **Mazza MM**
Vital-Herne M see **Kay SR**
Vitek ME see **Henderson WG**
Vitiello MV see **Prinz PN**
Vivancos R see **Medina A**
Vivell S see **Reuben DB**
Vives J see **Martorell J**
Vlay SC, Olson LC, Burger L. Automatic internal cardioverter defibrillator lockout. Am Heart J 1990 Sep; 120(3):697-8
Vlay SC, Olson LC. Nifedipine and isosorbide dinitrate alone and in combination for patients with chronic stable angina: a double-blind crossover study. Am Heart J 1990 Aug; 120(2):303-7
Vlay SC. Update on mechanical intervention in acute myocardial infarction. Am Heart J 1990 Sep;120(3):734-8
Vo N see **Brent J**
Vock P, Soucek M, Daepp M, Kalender WA. Lung: spiral volumetric CT with single-breath-hold technique. Radiology 1990 Sep;176(3):864-7
Voeller GR see **Fabian TC**
Vogelaers D see **Offner F**
Vogelzang NJ see **Richards JM**
Vogler G see **Steinhardt G**
Vogt T see **Besser R**
Vohr BR, Karp D, O'Dea C, Darrow D, Coll CG, Lester BM, Brown L, Oh W, Cashore W. Behavioral changes correlated with brain-stem auditory evoked responses in term infants with moderate hyperbilirubinemia. J Pediatr 1990 Aug; 117(2 Pt 1):288-91
Vohra A see **Johnson RA**
Voineskos G see **Remington GJ**
Volgyesi GA see **Doyle DJ**
Volle DJ see **Paul S**
Volle RL. Standardized testing of patient management skills. A computer-based method. Clin Orthop 1990 Aug; (257):47-51
Vollmer WM, McCamant LE, Johnson LR, Buist AS. Long-term reproducibility of tests of small airways function. Comparisons with spirometry. Chest 1990 Aug; 98(2):303-7
Volpe R see **Barzan L**
Volpin G, Dowd GS, Stein H, Bentley G. Degenerative arthritis after intra-articular fractures of the knee. Long-term results. J Bone Joint Surg [Br] 1990 Jul; 72(4):634-8
Volz WG see **Chan AL**
von Bergmann K see **Harris WS**
von dem Borne AE see **Huizinga TW**
von der Decken A see **Petersson B**
von Essen R see **Klockars M**
von Kalle C see **Katay I**
Vontivillu JA see **Morparia HK**
Voorhees JJ see **Watkins PB**
Vora H see **Mier A**
Voris J see **McCann J**
Voros D see **Mussurakis S**
Vorster HH see **Gibson GR**
Vos MA, Gorgels AP, Leunissen JD, Wellens HJ. The in vivo response of ouabain-induced arrhythmias to pacing: acceleration instead of termination. Am Heart J 1990 Sep; 120(3):604-11
Vosmar MB see **Kremer JA**
Voto LS see **Riveros DA**
Vrakatselis T see **Mussurakis S**
Vranizan KM see **Austin MA**
Vreman HJ, Rodgers PA, Stevenson DK. Zinc protoporphyrin administration for suppression of increased bilirubin production by iatrogenic hemolysis in rhesus neonates. J Pediatr 1990 Aug;117(2 Pt 1):292-7
Vucinic M see **Babic UU**
Vyssoulis GP see **Stamatiadis AP**

W

Wacker CJ see **DelRossi AJ**
Wada T see **Toi M**
Waddell DJ see **Hargis JB**
Wadden TA, Foster GD, Letizia KA, Mullen JL. Long-term effects of dieting on resting metabolic rate in obese outpatients. JAMA 1990 Aug 8;264(6):707-11
Wadsworth CT see **Nielsen DH**
Waecker NJ Jr see **Shannon FB**
Wagenaar SS see **Slebos RJ**
Wagener DJ see **van Klaveren RJ**
Wagenknecht LE, Cutter GR, Haley NJ, Sidney S, Manolio TA, Hughes GH, Jacobs DR. Racial differences in serum cotinine levels among smokers in the coronary artery risk development in (young) adults study [see comments] Am J Public Health 1990 Sep;80(9):1053-6. Comment in: Am J Public Health 1990 Sep;80(9):1040-1.
Wagner A see **Graf H**
Wagner CW see **Golladay ES**
Wagner DA see **Jaksic T**
Wagner HE, Steele G Jr, Summerhayes IC. Preneoplastic lesions induced by myc and src oncogenes in reconstituted mouse bladder. Surgery 1990 Aug;108(2):146-52; discussion 152-3
Wagner PD see **Agusti AG**
Wagner T see **Hiddemann W**
Wahi PL see **Bali HK**
Wahi S see **Bali HK**
Wahl SM see **Pluda JM**
Wahl SM see **Whelan WL**
Wahlgreen C see **Nørreslet J**
Waibel U see **Putensen C**
Wainberg MA see **Tremblay M**
Wait RB see **O'Neill P**
Waite LJ see **Robertson IH**
Waite MS see **Fitten LJ**
Waiyaki PG see **Gilks CF**
Wakaki N see **Yamaguchi M**
Wakefield AE, Pixley FJ, Banerji S, Sinclair K, Miller RF, Moxon ER, Hopkin JM. Detection of Pneumocystis carinii with DNA amplification. Lancet 1990 Aug 25; 336(8713):451-3
Walance CG see **Silka MJ**
Walden SM, Gottlieb SO. Urban angina, urban arrhythmias: carbon monoxide and the heart [editorial; comment] Ann Intern Med 1990 Sep 1;113(5):337-8. Comment on: Ann Intern Med 1990 Sep 1;113(5):343-51.

Walden TL Jr. The debt and the cash flow of residents: II. And now for the future: the end of HEAL? [letter] JAMA 1990 Sep 12;264(10):1249–50
Waldenström U, Axelsson O, Nilsson S. A comparison of the ability of a sonographically measured biparietal diameter and the last menstrual period to predict the spontaneous onset of labor. Obstet Gynecol 1990 Sep;76(3 Pt 1):336–8
Waldhausen JA see **Campbell DB**
Waldo KL see **Kirby ML**
Waldron CA, Koh ML. Central mucoepidermoid carcinoma of the jaws: report of four cases with analysis of the literature and discussion of the relationship to mucoepidermoid, sialodontogenic, and glandular odontogenic cysts. J Oral Maxillofac Surg 1990 Aug; 48(8):871–7 (26 ref.)
Waldron JA see **Forrester JM**
Waldron JA Jr see **Buschman DL**
Waldschmidt MM see **Fabry Z**
Walker AP see **Edmiston CE Jr**
Walker AR see **Gibson GR**
Walker BE see **Goode HF**
Walker CD, Akana SF, Cascio CS, Dallman MF. Adrenalectomy in the neonate: adult-like adrenocortical system responses to both removal and replacement of corticosterone. Endocrinology 1990 Aug;127(2):832–42
Walker CL see **Patterson R**
Walker E, Lewine RJ. Prediction of adult-onset schizophrenia from childhood home movies of the patients. Am J Psychiatry 1990 Aug;147(8):1052–6
Walker GG see **Visnesky PM**
Walker J, Cudmore RE. Respiratory problems and cystic adenomatoid malformation of lung. Arch Dis Child 1990 Jul;65(7 Spec No):649–50
Walker J, Dangel ME, Makley TA, Opremcak EM. Postoperative Propionibacterium granulosum endophthalmitis [letter] Arch Ophthalmol 1990 Aug; 108(8):1073–4
Walker JL, Manetta A, Mannel RS, Liao SY. Cellular fibroma masquerading as ovarian carcinoma. Obstet Gynecol 1990 Sep;76(3 Pt 2):530–1
Walker M see **Rubinstein P**
Walker ML see **DiVeta J**
Walker PS see **Wright J**
Walker RH see **Kelman GJ**
Walker WE. Paraplegia associated with thoracotomy [editorial; comment] Ann Thorac Surg 1990 Aug;50(2):178 . Comment on: Ann Thorac Surg 1990 Aug;50(2):288–9; discussion 290.
Wallace GH see **Wedin GP**
Wallace P see **Edelman SV**
Wallace P see **Laakso M**
Wallace S see **O'Keeffe F**
Wallace S see **Wright KC**
Wallace SJ. Childhood epileptic syndromes. Lancet 1990 Aug 25;336(8713):486–8 (22 ref.)
Wallack H see **Green N**
Wallenburg HC see **Akkersdijk GJ**
Waller SO see **Petersson B**
Wallin L see **Kruse-Andersen S**
Walling AD. Drug prophylaxis for migraine headaches. Am Fam Physician 1990 Aug;42(2):425–32 (17 ref.)
Walling AD. Why is asthma mortality rising? [editorial] Am Fam Physician 1990 Aug;42(2):358
Wallingford K see **Smith AB**
Wallner KE, Nori D, Morse MJ, Sogani PC, Whitmore WF, Fuks Z. 125iodine reimplantation for locally progressive prostatic carcinoma. J Urol 1990 Sep;144(3):704–6
Walls JT see **Johnson JA**
Wallwork J see **Bryan AJ**
Wallwork J see **Otulana BA**
Wallwork J see **Smyth RL**
Walop W, Chrétien M, Colman NC, Fraser RS, Gilbert F, Hidvegi RS, Hutchinson T, Kelly B, Lis M, Spitzer WO, et al. The use of biomarkers in the prediction of survival in patients with pulmonary carcinoma. Cancer 1990 May 1;65(9):2033–46
Walport MJ see **Nihoyannopoulos P**
Walsh DB see **Nauta RJ**
Walsh EE see **Falsey AR**
Walsh JC see **Shackford SR**
Walsh JH see **Yang H**
Walsh JS, Welch HG, Larson EB. Survival of outpatients with Alzheimer-type dementia. Ann Intern Med 1990 Sep 15;113(6):429–34
Walsh MF see **Zemel MB**
Walsh PC see **Brendler CB**
Walsh PC see **Coffey DS**
Walsh PC see **Gearhart JP**
Walsh PC see **Rifkin MD**
Walsh PC, Quinlan DM, Morton RA, Steiner MS. Radical retropubic prostatectomy. Improved anastomosis and urinary continence. Urol Clin North Am 1990 Aug; 17(3):679–84
Walsh RA. Sympathetic control of diastolic function in congestive heart failure. Circulation 1990 Aug;82(2 Suppl):I52–8 (51 ref.)
Walsh TR, Weinstein JN, Spratt KF, Lehmann TR, Aprill C, Sayre H. Lumbar discography in normal subjects. A controlled, prospective study. J Bone Joint Surg [Am] 1990 Aug;72(7):1081–8
Walson PD. Determination of serum drug concentrations in the office [letter] J Pediatr 1990 Aug;117(2 Pt 1):345–6
Walter EB, McKinney RE, Lane BA, Weinhold KJ, Wilfert CM. Interpretation of western blots of specimens from children infected with human immunodeficiency virus type 1: implications for prognosis and diagnosis. J Pediatr 1990 Aug;117(2 Pt 1):255–8
Walter JF see **Woolson ST**
Walter JH, Leonard JV, Thompson GN, Halliday D. Parenteral nutrition in propionic acidemia and methylmalonic acidemia [letter] J Pediatr 1990 Aug;117(2 Pt 1):338–9
Walter RM Jr, Keen CL. SI units: a wholehearted effort is needed [letter] JAMA 1990 Aug 22–29;264(8):974
Waltman RE. An obese man with tremor and exophthalmos. Hosp Pract [Off] 1990 Aug 15;25(8):161, 164, 166
Wampold RL see **Howat PM**
Wander AH see **Fivenson DP**
Wander GS see **Kalra GS**
Wang B see **Girard J**
Wang CH, Korenaga M, Sacuto FR, Ahmad A, Bell RG. Intraintestinal migration to the epithelium of protective, dividing, anti-Trichinella spiralis CD4+ OX22- cells requires MHC class II compatibility. J Immunol 1990 Aug 1;145(3):1021–8
Wang CJ see **Tan LB**
Wang E see **Anderson GM**
Wang H see **Aryanpur J**
Wang J see **Heymsfield SB**
Wang L see **Liu BX**
Wang L see **Roh MS**
Wang QF, Farnworth PG, Findlay JK, Burger HG. Chronic inhibitory effect of follicle-stimulating hormone (FSH)-suppressing protein (FSP) or follistatin on activin- and gonadotropin-releasing hormone-stimulated FSH synthesis and secretion in cultured rat anterior pituitary cells. Endocrinology 1990 Sep;127(3):1385–93
Wang RC see **Wang SY**
Wang RI. Approaches for management of postoperative pain [letter] Mayo Clin Proc 1990 Jul;65(7):1031–2
Wang SE see **Palko MJ**
Wang SY, Li YM, Chen LY, Wang RC, Lin CK, Ho CK. Detection of the target progenitor cells of granulomonopoietic enhancing activity. Blood 1990 Aug 1;76(3):495–500
Wang W see **Shah GV**
Wang XB see **Sato N**
Wang-Bennett LT see **Salzer TA**
Wapnir IL, Rabinowitz B, Greco RS. A reappraisal of prophylactic mastectomy. Surg Gynecol Obstet 1990 Aug; 171(2):171–84 (168 ref.)
Warburton D see **Bonilla E**
Ward AJ, Ackroyd CE, Baker AS. Late lengthening of the fibula for malaligned ankle fractures. J Bone Joint Surg [Br] 1990 Jul;72(4):714–7
Ward DN see **Moore KH**
Ward JR see **Alarcón GS**
Ward JW see **Horsburgh CR Jr**
Ward K, O'Connor CM, Odlum C, Power C, Fitzgerald MX. Pulmonary disease progress in sarcoid patients with and without bronchoalveolar lavage collagenase. Am Rev Respir Dis 1990 Sep;142(3):636–41
Ward LR, Threlfall EJ, Rowe B. Multiple drug resistance in salmonellae in England and Wales: a comparison between 1981 and 1988. J Clin Pathol 1990 Jul;43(7):563–6
Ward P see **Bishop NJ**
Ward RJ see **Kroll DA**
Ward WF, Molteni A, Ts'ao C, Hinz JM. The effect of Captopril on benign and malignant reactions in irradiated rat skin. Br J Radiol 1990 May;63(749):349–54
Ward Platt M, Parkin JM. Performance appraisal and career counselling for senior house officers. Arch Dis Child 1990 Jul;65(7):796–801
Wardrop CA see **Hudson I**
Ware RE see **Kinney TR**
Warford A see **MaWhinney WH**
Wargantiwar R see **Bang AT**
Warin JF see **Haissaguerre M**
Waring DW see **Turgeon JL**
Wariyar UK, Welch RJ, Milligan DW, Perry RH. Sonographic and pathological features of callosal hypoplasia in non-ketotic hyperglycinaemia. Arch Dis Child 1990 Jul;65(7 Spec No):670–1
Warlow CP see **Hankey GJ**
Warltier DC see **Pagel PS**
Warnaka P see **Kim B**
Warner ML see **Dworkin RH**
Warner NB see **Goldstein R**
Warnock LJ see **Ball J**
Warren HS see **Parish CR**
Warren PJ see **Heyderman E**
Warren RJ, Black AJ, Valentine PA, Manolas EG, Hunt D. Coronary angioplasty for chronic total occlusion reduces the need for subsequent coronary bypass surgery. Am Heart J 1990 Aug;120(2):270–4
Warren TC see **Embury SH**
Warter A, George-Diolombi G, Chazal M, Ango A. Melanin in a dentigerous cyst and associated adenomatoid odontogenic tumor. Cancer 1990 Aug 15;66(4):786–8 (15 ref.)
Warter A see **Develoux M**
Wartinger DD see **Sheinfeld J**
Warty V see **Arria AM**
Wasfie T, Reed E, Suciu-Foca N, Hardy MA. Production of antiidiotypic antibodies in the rat: in vitro characterization of specificity and correlation with in vivo specific suppression of cardiac allograft immune reaction across major histocompatibility complex. Surgery 1990 Aug;108(2):431–40; discussion 440–1
Washburn RG see **Bennett JE**
Washida H see **Tsugaya M**
Washio M see **Watanabe T**
Wasi C see **Lumbiganon P**
Waskin H see **Montgomery AB**
Wasserkrug HL see **Barbul A**
Wasserman R see **Yamada M**
Wastell C see **Johnson CD**
Watanabe H see **Koike H**
Watanabe H see **Sugimura K**
Watanabe K, Yokoyama K, Harada H. Changes in the capillaries of the stria vascularis after hemorrhagic shock. Ann Otol Rhinol Laryngol 1990 Aug;99(8):660–5
Watanabe K see **Iwashima Y**
Watanabe K see **Minamoto T**
Watanabe M see **Sugimura K**
Watanabe T see **Aizawa T**
Watanabe T, Miura M, Orita H, Kobayasi M, Washio M. Brain tissue pH, oxygen tension, and carbon dioxide tension in profoundly hypothermic cardiopulmonary bypass. Pulsatile assistance for circulatory arrest, low-flow perfusion, and moderate-flow perfusion. J Thorac Cardiovasc Surg 1990 Aug;100(2):274–80
Watase H see **Tsugaya M**
Watcha MF, Chu FC, Stevens JL, Forestner JE. Effects of halothane on intraocular pressure in anesthetized children. Anesth Analg 1990 Aug;71(2):181–4
Waters G see **Prazma J**
Waters MJ see **Lim L**
Waters P, Kasser J. Infection of the infrapatellar bursa. A report of two cases. J Bone Joint Surg [Am] 1990 Aug; 72(7):1095–6
Waterston AJ, Aynsley-Green A, Weaver LT, Whitehead RG. Michael Parkin—an international paediatrician. Arch Dis Child 1990 Jul;65(7):802
Watkins PB, Hamilton TA, Annesley TM, Ellis CN, Kolars JC, Voorhees JJ. The erythromycin breath test as a predictor of cyclosporine blood levels. Clin Pharmacol Ther 1990 Aug;48(2):120–9
Watkins RM see **Ball AB**
Watkins SL see **Tarr PI**
Watkins WM see **Gilks CF**
Watnick AS see **Gulbenkian AR**
Watson CG see **Killeen RM**
Watson D. ABC of major trauma. Management of the upper airway. BMJ 1990 May 26;300(6736):1388–91 (3 ref.)
Watson DD see **Smith DR**
Watson JM, Wiggins J, Collins JV. Fiberbronchoscopy in smear-negative miliary tuberculosis [letter] Chest 1990 Aug;98(2):508–9
Watson JV see **van Dam PA**
Watson KR see **Kimball BP**
Watson L see **Ulich TR**
Watson MG see **Murty GE**
Watson NR see **Studd JW**
Watson P see **Lynch HT**
Watson WA see **Welling LR**
Watson WJ, Katz VL, Bowes WA Jr. Plasmapheresis during pregnancy. Obstet Gynecol 1990 Sep;76(3 Pt 1):451–7 (57 ref.)
Watt G, Padre LP, Tuazon M, Calubaquib C. Limulus lysate positivity and Herxheimer-like reactions in leptospirosis: a placebo-controlled study. J Infect Dis 1990 Aug; 162(2):564–7
Watt JM see **Woolson ST**
Watt PC see **Collins JS**
Wattel E see **Lefrère JJ**
Watters CH see **McCleane GJ**
Watters JM, Redmond ML, Desai D, March RJ. Effects of age and body composition on the metabolic responses to elective colon resection. Ann Surg 1990 Aug;212(2):213–20
Watts DH see **Hillier S**
Watts M see **Grenfell A**
Watts TH see **St.-Pierre Y**
Watzinger U see **Graf H**
Wauters G see **Van Noyen R**
Way DL see **Witte MH**
Waymack JP see **Barie PS**
Waymack JP, Fernandes G, Yurt RW, Venkatraman JT, Burleson DG, Guzman RF, Mason AD Jr, Pruitt BA Jr. Effect of blood transfusions on immune function. Part VI. Effect on immunologic response to tumor. Surgery 1990 Aug;108(2):172–7; discussion 177–8
Weaver CM see **Cook KK**
Weaver DD see **Jackson JM**
Weaver DS see **Jayo MJ**
Weaver FA see **Applebaum R**
Weaver JF see **Nakoinz I**
Weaver LK see **Boehm SH**
Weaver LT see **Waterston AJ**
Weaver M see **Baciewicz FA Jr**
Weaver MG, Park MK, Lee DH. Differences in blood pressure levels obtained by auscultatory and oscillometric methods. Am J Dis Child 1990 Aug;144(8):911–4
Webb GC, Chaplin DD. Genetic variability at the human tumor necrosis factor loci. J Immunol 1990 Aug 15;

145(4):1278–85
Webb LC, Maillet JO. The development of test specifications for the registration examinations. J Am Diet Assoc 1990 Aug;90(8):1134–5
Webb-Peploe MM see **Katritsis D**
Weber DA, Sanders CC, Bakken JS, Quinn JP. A novel chromosomal TEM derivative and alterations in outer membrane proteins together mediate selective ceftazidime resistance in Escherichia coli. J Infect Dis 1990 Aug; 162(2):460–5
Weber JM see **LeBaron CW**
Weber M, Pullig O, Boesken WH. Anti-glomerular basement membrane disease after renal obstruction [letter] Lancet 1990 Aug 25;336(8713):512–3
Weber R see **Rhee KJ**
Weber RS, Byers RM, Petit B, Wolf P, Ang K, Luna M. Submandibular gland tumors. Adverse histologic factors and therapeutic implications. Arch Otolaryngol Head Neck Surg 1990 Sep; 116(9):1055–60
Weber TR, Connors RH, Tracy TF Jr, Bailey PV. Complex hemangiomas of infants and children. Individualized management in 22 cases. Arch Surg 1990 Aug; 125(8):1017–20; discussion 1020–1
Weber TR see **Scalzo AJ**
Webster GD, Kreder KJ. Voiding dysfunction following cystourethropexy: its evaluation and management. J Urol 1990 Sep;144(3):670–3
Webster J see **Sheron N**
Wechsler AS see **Rebeyka IM**
Wedin GP, Richardson SL, Wallace GH. Clonidine poisoning in children [letter] Am J Dis Child 1990 Aug;144(8):853–4
Wee A see **Kang JY**
Wee SL see **Cosimi AB**
Weese D see **Koo AS**
Weese DL, Zimmern PE. Corporeal perforation or undersized prosthesis? The role of corpus cavernosum endoscopy. J Urol 1990 Sep;144(3):714–5; discussion 715–6
Weese-Mayer DE see **Brouillette RT**
Weglinski MR, Lanier WL. The effects of transient hyperglycemia on brain glucose in rats anesthetized with halothane. Anesthesiology 1990 Aug;73(2):291–6
Wegstapel H see **Reed MW**
Wehlage DR, Böhrer H, Ruffmann K. Impairment of left ventricular diastolic function during coronary artery bypass grafting. Anaesthesia 1990 Jul;45(7):549–51
Wehr TA. Unnecessary confusion about opposite findings in two studies of tricyclic treatment of bipolar illness [letter] Arch Gen Psychiatry 1990 Aug;47(8):787–8
Wei CF see **Sheih CP**
Weick J see **Radich JP**
Weicker L Jr. Medical research and research! America. Acad Med 1990 Aug;65(8):521
Weide R, Pflüger KH, Görg C, Rohrmoser L, Neumann K, Havemann K. Multiple myeloma of the bladder and vagina. Cancer 1990 Sep 1;66(5):989–91
Weigel JW see **Davis BE**
Weigle CG. Treatment of an infant with tracheobronchomalacia at home with a lightweight, high-humidity, continuous positive airway pressure system. Crit Care Med 1990 Aug;18(8):892–4
Weigle K see **Saravia NG**
Weigle WO see **Ernst DN**
Weigle WO see **Gahring LC**
Weijmer MC, Neering H, Welten C. Preliminary report: furunculosis and hypoferraemia. Lancet 1990 Aug 25; 336(8713):464–6
Weikl A see **Schneider S**
Weil MH, Gazmuri RJ, Rackow EC. The clinical rationale of cardiac resuscitation. Dis Mon 1990 Aug;36(8):421–68 (195 ref.)
Weiland AJ see **Weiss AP**
Wein AJ see **Keating MA**
Wein AJ. Evaluation of treatment response to drugs in benign prostatic hyperplasia. Urol Clin North Am 1990 Aug; 17(3):631–40 (37 ref.)
Weinberg BA see **Brown SE**
Weinberger HL see **Markowitz ME**
Weinblatt ME see **Sperling RI**
Weinbren MJ see **Woodford N**
Weiner BC see **Khan TJ**
Weiner CP see **Grose C**
Weiner CP see **Wenstrom KD**
Weiner MW see **Miller RG**
Weiner RS, Andersen TT, Dias JA. Topographic analysis of the alpha-subunit of human follicle-stimulating hormone using site-specific antipeptide antisera. Endocrinology 1990 Aug;127(2):573–9
Weingarten JL see **Horner SA**
Weingarten S, Ermann B, Bolus R, Riedinger MS, Rubin H, Green A, Karns K, Ellrodt AG. Early "step-down" transfer of low-risk patients with chest pain. A controlled interventional trial. Ann Intern Med 1990 Aug 15; 113(4):283–9
Weingold DH see **Berg D**
Weinhold KJ see **Walter EB**
Weinreb RN, Caldwell DR, Goode SM, Horwitz BL, Laibovitz R, Shrader CE, Stewart RH, Williams AT. A double-masked three-month comparison between 0.25% betaxolol suspension and 0.5% betaxolol ophthalmic solution. Am J Ophthalmol 1990 Aug 15;110(2):189–92
Weinshenker BG, Dekaban G, Rice GP. Retroviruses and multiple sclerosis. I. Analysis of seroreactivity by western blot and radioimmune assay. Neurology 1990 Aug; 40(8):1251–3
Weinshilboum RM see **Lennard L**
Weinsier RL see **Kushner RF**
Weinstabl C see **Mayer N**
Weinstein JN see **Walsh TR**
Weinstein M, Berger RS, Bancila E. Multiple hypopigmented papules. Trichodiscoma. Arch Dermatol 1990 Aug; 126(8):1093, 1096
Weinstein MC see **Anderson GM**
Weintraub RG, Gow RM, Wilkinson JL. The congenital long QT syndromes in childhood. J Am Coll Cardiol 1990 Sep; 16(3):674–80
Weinzwieg IP see **Armstrong JS**
Weir D see **Caffrey C**
Weir MR see **Croog SH**
Weir MR see **Saunders E**
Weisberg AS see **Timsit J**
Weisberg LS see **Kurnik BR**
Weisberg MC see **White LD**
Weisdorf DJ, Snover DC, Haake R, Miller WJ, McGlave PB, Blazar B, Ramsay NK, Kersey JH, Filipovich A. Acute upper gastrointestinal graft-versus-host disease: clinical significance and response to immunosuppressive therapy. Blood 1990 Aug 1;76(3):624–9
Weisfeldt ML see **Midei MG**
Weiskopf RB, Eger EI 2d, Holmes MA, Yasuda N, Johnson BH, Targ AG, Rampil IJ. Cardiovascular actions of common anesthetic adjuvants during desflurane (I-653) and isoflurane anesthesia in swine. Anesth Analg 1990 Aug; 71(2):144–8
Weisman E. Liability for medical record disclosure is real but rare. Hospitals 1990 Aug 20;64(16):28, 32
Weisman MH see **Kursunoglu-Brahme S**
Weiss AM see **Ben-Tovim DI**
Weiss AP, Adams MA, Moore JR, Weiland AJ. Unconstrained shoulder arthroplasty. A five-year average follow-up study. Clin Orthop 1990 Aug;(257):86–90
Weiss E see **Schrem SS**
Weiss EB. Role of calcium in airway reactivity and asthma [letter] J Allergy Clin Immunol 1990 Aug;86(2):274
Weiss G see **Bardeguez AD**
Weiss GH, Linehan WM. This month in investigative urology: Multidrug resistance in genitourinary malignancy [comment] J Urol 1990 Sep;144(3):754. Comment on: J Urol 1990 Sep;144(3):755–9.
Weiss GH see **La Rocca RV**
Weiss J see **Mannion BA**
Weiss JH, Koh J, Baimbridge KG, Choi DW. Cortical neurons containing somatostatin- or parvalbumin-like immunoreactivity are atypically vulnerable to excitotoxic injury in vitro. Neurology 1990 Aug;40(8):1288–92
Weiss JN see **Stevenson WG**
Weiss M see **Whitman GJ**
Weiss ME see **Adourian UA**
Weiss N see **Stürchler D**
Weiss P see **Schoenenberger RA**
Weiss RE, Liu BC, Ahlering T, Dubeau L, Droller MJ. Mechanisms of human bladder tumor invasion: role of protease cathepsin B. J Urol 1990 Sep;144(3):798–804
Weiss RM see **Carpenter TO**
Weiss S see **Savino JS**
Weiss SH see **Lee HH**
Weiss ST see **Schwartz J**
Weiss W. Asbestos and colorectal cancer. Gastroenterology 1990 Sep;99(3):876–84 (54 ref.)
Weisse AB. Confessions of creeping obsolescence. Hosp Pract [Off] 1990 Jul 15;25(7):21, 25, 28
Weissler AM, Miller BI, Granger CB, Henry TD, Sheikh KH, Kirch DL, Guess WB, Krumbach BJ. Augmentation of mortality risk discriminating power of left ventricular ejection fraction by measures of nonuniformity in systolic emptying on radionuclide ventriculography. J Am Coll Cardiol 1990 Aug;16(2):387–95
Weissman BN. Current topics in the radiology of joint replacement surgery. Radiol Clin North Am 1990 Sep; 28(5):1111–34 (115 ref.)
Weissman C. The metabolic response to stress: an overview and update. Anesthesiology 1990 Aug;73(2):308–27 (292 ref.)
Weissman IL see **van de Rijn M**
Weissman JS see **Wenneker MB**
Weitz JI, Hudoba M, Massel D, Maraganore J, Hirsh J. Clot-bound thrombin is protected from inhibition by heparin-antithrombin III but is susceptible to inactivation by antithrombin III-independent inhibitors. J Clin Invest 1990 Aug;86(2):385–91
Weitzman SA, Gordon LI. Inflammation and cancer: role of phagocyte-generated oxidants in carcinogenesis. Blood 1990 Aug 15;76(4):655–63 (167 ref.)
Weksler B see **DeCaterina R**
Welberg JW, de Vries EG, Hardonk MJ, Mulder NH, Harms G, Grond J, Zwart N, Koudstaal J, de Ley L, Kleibeuker JH. Proliferation rate of colonic mucosa in normal subjects and patients with colonic neoplasms: a refined immunohistochemical method. J Clin Pathol 1990 Jun; 43(6):453–6
Welch CB. Preventing pressure sores [letter] BMJ 1990 May 26;300(6736):1401
Welch G see **Kirkup B**
Welch GW. The infant with anencephaly [letter] N Engl J Med 1990 Aug 30;323(9):615
Welch HG see **Walsh JS**
Welch KM see **Levine SR**
Welch M, Betts CD, Kiff ES. Antabuse implants: a useful surgical procedure. Br J Surg 1990 Jul;77(7):821
Welch MJ see **Shelton ME**
Welch RJ see **Wariyar UK**
Welch TR, Beischel LS, Choi E, Balakrishnan K, Bishof NA. Uniparental isodisomy 6 associated with deficiency of the fourth component of complement. J Clin Invest 1990 Aug; 86(2):675–8
Weleber RG see **Marmor MF**
Welldon EV. Women who sexually abuse children [letter] BMJ 1990 Jun 9;300(6738):1527–8
Wellems TE see **Dolan SA**
Wellens HJ. The approach to nonsustained ventricular tachycardia after a myocardial infarction [comment] Circulation 1990 Aug;82(2):633–5. Comment on: Circulation 1990 Aug;82(2):350–8.
Wellens HJ see **Cruz FE**
Wellens HJ, Atié J, Smeets JL, Cruz FE, Gorgels AP, Brugada P. The electrocardiogram in patients with multiple accessory atrioventricular pathways. J Am Coll Cardiol 1990 Sep;16(3):745–51
Wellens HJ see **Vos MA**
Weller PH see **Williams J**
Welling LR, Watson WA. The emergency department treatment of dyspepsia with antacids and oral lidocaine. Ann Emerg Med 1990 Jul;19(7):785–8
Wellish M see **Mahalingam R**
Welliver R see **Chandwani S**
Wellman NS, Bogle ML. Beyond the RD. J Am Diet Assoc 1990 Aug;90(8):1117–21
Wells AD, McDonnell PJ, Burnand KG. Purtscher's retinopathy in acute pancreatitis. Br J Surg 1990 Jul; 77(7):820
Wells JD see **Brumback RJ**
Wells R see **McCann J**
Welply JK see **Byatt JC**
Welsh KI see **Lympany P**
Welsh KI see **Sakkas LI**
Welsh RJ see **Lucas RJ**
Welte K see **Freund MR**
Welten C see **Weijmer MC**
Welty TK see **Shaw FE Jr**
Wender PH, Reimherr FW. Bupropion treatment of attention-deficit hyperactivity disorder in adults. Am J Psychiatry 1990 Aug;147(8):1018–20
Wengerter KR see **Gupta SK**
Wenig BM, Heffner DK. Contact ulcers of the larynx. A reacquaintance with the pathology of an often underdiagnosed entity. Arch Pathol Lab Med 1990 Aug; 114(8):825–8
Wennberg JE see **Malenka DJ**
Wenneker MB, Weissman JS, Epstein AM. The association of payer with utilization of cardiac procedures in Massachusetts [see comments] JAMA 1990 Sep 12; 264(10):1255–60. Comment in: JAMA 1990 Sep 12;264(10):1294–5.
Wens R see **Collart F**
Wenstrom KD, Weiner CP, Williamson RA, Grant SS. Prenatal diagnosis of fetal hyperthyroidism using funipuncture. Obstet Gynecol 1990 Sep;76(3 Pt 2):513–7
Wentz DK, Gannon MI, Osteen AM. Continuing medical education. JAMA 1990 Aug 15;264(7):836–40
Were JB see **Sexton JD**
Werhane MJ see **Schraufnagel DE**
Werner W see **Gold HK**
Wernerman J see **Petersson B**
Wernley JA see **Izquierdo LA**
Wertheimer AI see **Gulaid JA**
Wesierska-Gadek J, Penner E, Lindner H, Hitchman E, Sauermann G. Autoantibodies against different histone H1 subtypes in systemic lupus erythematosus sera. Arthritis Rheum 1990 Aug;33(8):1273–8
Wesolowski G see **Rodan SB**
Wesselius LJ, Dark DS, Papasian CJ. Airway carcinoembryonic antigen concentrations in patients with central lung cancer or chronic bronchitis. Chest 1990 Aug; 98(2):393–7
West AB see **Redlich CA**
West AP, Millar MR, Tompkins DS. Survival of Helicobacter pylori in water and saline [letter] J Clin Pathol 1990 Jul; 43(7):609
West DW, Scheel JN, Stover R, Kan J, DeAngelis C. Iron deficiency in children with cyanotic congenital heart disease. J Pediatr 1990 Aug;117(2 Pt 1):266–8
West M see **Stranc MF**
West ML see **Baltzan MA**
West MS see **Rodriguez AR**
West SG see **McDermott MT**
Westaby S, Brayley N. ABC of major trauma. Thoracic trauma—I. BMJ 1990 Jun 23;300(6740):1639–43 (0 ref.)
Westbury G see **Ball AB**
Westbury G see **Skene AI**
Westen D, Ludolph P, Block MJ, Wixom J, Wiss FC. Developmental history and object relations in psychiatrically disturbed adolescent girls. Am J Psychiatry 1990 Aug;147(8):1061–8
Westen D see **Ogata SN**
Westermark AH, Sindet-Pedersen S, Boyne PJ. Bony ankylosis of the temporomandibular joint: case report of

a child treated with delrin condylar implants. J Oral Maxillofac Surg 1990 Aug;48(8):861–5
Westermark GT, Sletten K, Grubb A, Westermark P. AA–amyloidosis. Tissue component–specific association of various protein AA subspecies and evidence of a fourth SAA gene product. Am J Pathol 1990 Aug;137(2):377–83
Westermark P see Westermark GT
Westhoff C, Gollub E, Patel J, Rivera H, Bast R Jr. CA 125 levels in menopausal women. Obstet Gynecol 1990 Sep; 76(3 Pt 1):428–31
Westman G see Ferry S
Westmore GA. Staple gun in the surgery of hypopharyngeal diverticula. J Laryngol Otol 1990 Jul;104(7):553–6
Westmoreland BF see Armon C
Westphal SA, Gannon MC, Nuttall FQ. Metabolic response to glucose ingested with various amounts of protein. Am J Clin Nutr 1990 Aug;52(2):267–72
Westrell M see Giesecke J
Westwick J see Standiford TJ
Wetherbee J see Kenny D
Wetterauer U see Aboseif SR
Wettstein RM. Surrogate parenting contracts [letter] Am J Obstet Gynecol 1990 Aug;163(2):679–80
Wetzel RC see Tobias JD
Wetzel RC see Yaster M
Wewers MD see Allen JN
Wexler L see Guthaner DF
Weyman AE see Abascal VM
Weyman AE see Flachskampf FA
Weyman AE see Picard MH
Weyman AE see Thomas JD
Weymuth G see Zenklusen HR
Weynants P see Trigaux JP
Whaley FS see Malenka DJ
Wharton M see Barg NL
Whawell S see Paterson–Brown S
Wheat LJ, Batteiger BE, Sathapatayavongs B. Histoplasma capsulatum infections of the central nervous system. A clinical review. Medicine (Baltimore) 1990 Jul;69(4):244–60 (86 ref.)
Wheatley RG see Jones JG
Wheeler J see Freeman R
Wheeler JE see Burks RT
Wheeler JR see Feinberg RL
Wheeler LA see Barg NL
Wheeler T, Elfes C, Anthony F. Variation in the measurement of fetal abdominal circumference [letter] Br J Obstet Gynaecol 1990 Jun;97(6):549–50
Wheeler WB, Kurachek SC, Lobas JG, Einzig MJ. Acute hypoxemic respiratory failure caused by Chlamydia trachomatis and diagnosed by flexible bronchoscopy. Am Rev Respir Dis 1990 Aug;142(2):471–3
Whelan WL, Kirsch DR, Kwon–Chung KJ, Wahl SM, Smith PD. Candida albicans in patients with the acquired immunodeficiency syndrome: absence of a novel of hypervirulent strain. J Infect Dis 1990 Aug;162(2):513–8
Whelton MJ see O'Mahony D
Whetham J see Cullen MT
Whigan D see Pan HY
Whitaker LA see Lin KY
Whitaker SJ, Kirkbride P, Arnott SJ, Hudson CN, Shepherd JH. A pilot study of chemo–radiotherapy in advanced carcinoma of the vulva. Br J Obstet Gynaecol 1990 May; 97(5):436–42
Whitby LG, Bird CC, Collee JG, McDicken WN. Consequences of the provision of laboratory services for the National Health Service by commercial firms: a view from the university sector. J Clin Pathol 1990 Jun; 43(6):441–4
White CR see Petersen LR
White D, Christensen M. Marketers hone their skills to reach target markets. Hospitals 1990 Aug 5;64(15):62, 64, 66
White DP see Gleeson K
White HD. GISSI–2 and the heparin controversy. Lancet 1990 Aug 4;336(8710):297–8
White HD see Rivers JT
White JD see Sanacora G
White JV, Gass J. Preparation of the calcified tibial artery for bypass grafting. Surg Gynecol Obstet 1990 Aug; 171(2):165–6
White LD, Lee TH, Cook EF, Weisberg MC, Rouan GW, Brand DA, Goldman L. Comparison of the natural history of new onset and exacerbated chronic ischemic heart disease. The Chest Pain Study Group [see comments] J Am Coll Cardiol 1990 Aug;16(2):304–10. Comment in: J Am Coll Cardiol 1990 Aug;16(2):311–2.
White LR see Kittner SJ
White RD see Cummins RO
White RH. Management of urinary tract infection and vesicoureteric reflux in children. 1. Operative treatment has no advantage over medical management. BMJ 1990 May 26;300(6736):1391–2 (9 ref.)
White SJ see Young W
Whitear P, Shaw P, Gordon I. Comparison of 99Tcm dimercaptosuccinic acid scans and intravenous urography in children. Br J Radiol 1990 Jun;63(750):438–43
Whitehead AM. Perforation of colon in distal intestinal syndrome of cystic fibrosis [letter] Lancet 1990 Aug 18; 336(8712):446
Whitehead ED, Klyde BJ, Zussman S, Salkin P. Treatment alternatives for impotence. Postgrad Med 1990 Aug; 88(2):139–49, 152 (61 ref.)
Whitehead ED, Klyde BJ, Zussman S, Salkin P. Diagnostic evaluation of impotence. Postgrad Med 1990 Aug; 88(2):123–6, 129–36 (37 ref.)
Whitehead MI see Stevenson JC
Whitehead RG see Waterston AJ
Whitehouse GH see al–Hindawi M
Whitehouse GH see Kenny JB
Whiteley PJ, Poindexter NJ, Landon C, Kapp JA. A peripheral mechanism preserves self–tolerance to a secreted protein in transgenic mice. J Immunol 1990 Sep 1; 145(5):1376–81
Whitford EG see Hung J
Whiting E see Schraufnagel DE
Whitley RJ see Meignier B
Whitlock RM see Jaffe WM
Whitlock WL, Brown CR, Young MB. Tracheobronchial foreign bodies [letter] Ann Intern Med 1990 Sep 15; 113(6):482–3
Whitman AR see Kroboth FJ
Whitman GJ see Anderson BO
Whitman GJ, Martel D, Weiss M, Pochanapring A, See WM, Hopeman A, Harken AH, Dauber IM. Reversal of protamine–induced catastrophic pulmonary vasoconstriction by prostaglandin E1. Ann Thorac Surg 1990 Aug;50(2):303–5
Whitman NI. The committee meeting alternative. Using the Delphi technique. J Nurs Adm 1990 Jul–Aug;20(7–8):30–6
Whitmore WF see Wallner KE
Whitney TM, Buncke HJ, Alpert BS, Buncke GM, Lineaweaver WC. The serratus anterior free–muscle flap: experience with 100 consecutive cases. Plast Reconstr Surg 1990 Sep;86(3):481–90; discussion 491
Whittaker DK see Allison RT
Whittaker JS, Ryan CF, Buckley PA, Road JD. The effects of refeeding on peripheral and respiratory muscle function in malnourished chronic obstructive pulmonary disease patients. Am Rev Respir Dis 1990 Aug;142(2):283–8
Whitted WA see Strickland DM
Whittle J. Statistical power and polyvalent immunoglobulin [letter] Arch Intern Med 1990 Aug;150(8):1760
Whorwell PJ see Prior A
Whyte MK see Chilvers ER
Wians FH Jr see Strickland DM
Wick M see Mittelman A
Wick MR see Swanson PE
Wickham JE see Fitzpatrick JM
(Wickstrom JK), Wickstrom JK. Fifty years of the American Board of Orthopaedic Surgery. 1934 [classical article] Clin Orthop 1990 Aug;(257):3–10
Wickstrom JK. Fifty years of the American Board of Orthopaedic Surgery. 1934 [classical article] Clin Orthop 1990 Aug;(257):3–10
Wide L see Eriksson B
Widhalm G see Loewit K
Widmann MD see Sumpio BE
Widome MD. The ABCs of health supervision. Introducing medical students to the outpatient department. Clin Pediatr (Phila) 1990 Jul;29(7):418–20
Wieand HS see Martin JK Jr
Wieand HS see Windschitl HE
Wiedemann MA, Fort MG 3d, Pastorek JG 2d. Temporary gastrostomy tubes in major gynecologic surgery. South Med J 1990 Aug;83(8):893–4
Wiederholt W see Jackson JE
Wieland DM see Schwaiger M
Wieling W see van Montfrans GA
Wiemann JN, Clifton DK, Steiner RA. Gonadotropin–releasing hormone messenger ribonucleic acid levels are unaltered with changes in the gonadal hormone milieu of the adult male rat. Endocrinology 1990 Aug;127(2):523–32
Wiener I see Stevenson WG
Wiener M, Shamaskin A. The nursing home as a site for teaching medical students. Acad Med 1990 Jun;65(6):412–4
Wiener–Kronish JP see Rubin DB
Wiersinga WM see Berghout A
Wiesen EJ see Crass JR
Wigdorsky V see Davanzo H
Wiggert B see de Smet MD
Wiggins J see Watson JM
Wiggs BR see Bosken CH
Wight DG see Coulden RA
Wight TN see Snow AD
Wignall FS see Hyams KC
Wigton RS see Tape TG
Wiist WH, Flack JM. A church–based cholesterol education program. Public Health Rep 1990 Jul–Aug;105(4):381–8
Wijdicks EF see Ropper AH
Wijkström H, Tribukait B. Deoxyribonucleic acid flow cytometry in predicting response to radical radiotherapy of bladder cancer. J Urol 1990 Sep;144(3):646–50; discussion 650–1
Wijndaele L see Casteels–Van Daele M
Wiklund–Hammarsten M see Ljungman P
Wikman–Coffelt J see Stefenelli T
Wiktor SZ see Lipka JJ
Wilander E see Eriksson B
Wilber DJ, Olshansky B, Moran JF, Scanlon PJ. Electrophysiological testing and nonsustained ventricular tachycardia. Use and limitations in patients with coronary artery disease and impaired ventricular function [see comments] Circulation 1990 Aug;82(2):350–8. Comment in: Circulation 1990 Aug;82(2):633–5.
Wilbert DM see Strohmaier WL
Wilbur AC, Mostowfi K, Heydemann J, Daza RC. Infarcted undescended testis appearing as a calcified abdominal mass in an adult. AJR Am J Roentgenol 1990 Sep;155(3):547–8
Wilcox BR see Detterbeck FC
Wilcox G see Collier P
Wilcox PG, Paré PD, Road JD, Fleetham JA. Respiratory muscle function during obstructive sleep apnea. Am Rev Respir Dis 1990 Sep;142(3):533–9
Wilcox TR see Morris JA Jr
Wilder–Smith CH, Ernst T, Gennoni M, Zeyen B, Halter F, Merki HS. Tolerance to oral H2–receptor antagonists. Dig Dis Sci 1990 Aug;35(8):976–83
Wilensky AJ see Temkin NR
Wiles HB see Zeigler VL
Wiles PG see Lockton JA
Wiley EL see Roehrborn CG
Wilfert CM see Walter EB
Wilhelmsen I, Haug TT, Berstad A, Ursin H. Increased relapse of duodenal ulcers in patients treated with cognitive psychotherapy [letter] Lancet 1990 Aug 4;336(8710):307
Wilimas J see Pui CH
Wilkening VL see Hathcock JN
Wilkens J see Kasper W
Wilkie R see Tarnow–Mordi W
Wilkins GT see Abascal VM
Wilkins GT see Picard MH
Wilkinson A see Pinilla JC
Wilkinson AR see Tarnow–Mordi W
Wilkinson DJ see Denman WT
Wilkinson JL see Weintraub RG
Wilkinson LS, Worrall JG, Sinclair HD, Edwards JC. Immunohistological reassessment of accessory cell populations in normal and diseased human synovium. Br J Rheumatol 1990 Aug;29(4):259–63
Wilkinson M see Martorana PA
Wilkinson MJ see Barlow J
Wilkinson RW see Bransby–Zachary MA
Wilkinson WE see Heinz ER
Wilkinson WE see Schildkraut JM
Will H see Staels B
Will RK, Amor B, Calin A. The changing epidemiology of rheumatic diseases: should ankylosing spondylitis now be included? Br J Rheumatol 1990 Aug;29(4):299–300
Willard DA see Pan HY
Willard JE see Eichhorn EJ
Wille–Jørgensen P, Ott P. Predicting failure of low–dose prophylactic heparin in general surgical procedures. Surg Gynecol Obstet 1990 Aug;171(2):126–30
Willems AR, Tijssen JG, van Capelle FJ, Kingma JH, Hauer RN, Vermeulen FE, Brugada P, van Hoogenhuyze DC, Janse MJ. Determinants of prognosis in symptomatic ventricular tachycardia or ventricular fibrillation late after myocardial infarction. The Dutch Ventricular Tachycardia Study Group of the Interuniversity Cardiology Institute of The Netherlands [see comments] J Am Coll Cardiol 1990 Sep; 16(3):521–30. Comment in: J Am Coll Cardiol 1990 Sep;16(3):531–2.
Willems D see Gillet C
Willems G see Pieters J
Willems J see Stenman G
Willerson JT see Yao SK
Willett C see Jasty M
Willett WC see Hunter DJ
Williams AE, Blakemore WF. Pathogenesis of meningitis caused by Streptococcus suis type 2. J Infect Dis 1990 Aug; 162(2):474–81
Williams AF see Aylett SE
Williams AG, Woolkalis MJ, Poncz M, Manning DR, Gewirtz AM, Brass LF. Identification of the pertussis toxin–sensitive G proteins in platelets, megakaryocytes, and human erythroleukemia cells. Blood 1990 Aug 15;76(4):721–30
Williams AJ see Tobias JK
Williams AL, Fraser J. Illness preceding sudden infant death [letter] BMJ 1990 Jun 16;300(6739):1584
Williams AP, Domnick–Pierre K, Vayda E, Stevenson HM, Burke M. Women in medicine: practice patterns and attitudes. Can Med Assoc J 1990 Aug 1;143(3):194–201
Williams AT see Weinreb RN
Williams BF see Rivers JT
Williams D see Jolly P
Williams DK see Levy JM
Williams DM. George E. Cartwright, MD (1917–1980). J Lab Clin Med 1990 Jul;116(1):133–4
Williams DO, Topol EJ, Califf RM, Roberts R, Mancini GB, Joelson JM, Ellis SG, Kleiman NS. Intravenous recombinant tissue–type plasminogen activator in patients with unstable angina pectoris. Results of a placebo–controlled, randomized trial. Circulation 1990 Aug;82(2):376–83
Williams EB see Mann KG
Williams G see Abel PD
Williams GH see Quinn SJ
Williams GT see Seymour DG
Williams GW see Kelman GJ
Williams HJ see Alarcón GS
Williams HL, Johnson DJ, McNeil JS, Wright DG. Studies of cobalamin as a vehicle for the renal excretion of cyanide anion. J Lab Clin Med 1990 Jul;116(1):37–44
Williams J, MacDonald A, Weller PH, Fields J, Pandov H. Two enteric coated microspheres in cystic fibrosis.

Arch Dis Child 1990 Jun;65(6):594–7
Williams J see **Kathol RG**
Williams JD see **Hunt TM**
Williams JW, Collins MC. Case of the month. A Chinese puzzle. Br J Radiol 1990 May;63(749):367–8
Williams K see **Nel AE**
Williams LF Jr see **Brotschi EA**
Williams ME see **Hershey HG**
Williams NN, Daly JM. Flow cytometry and prognostic implications in patients with solid tumors. Surg Gynecol Obstet 1990 Sep;171(3):257–66 (107 ref.)
Williams PM see **Nicholson ML**
Williams PV see **McGlashan TH**
Williams R see **Bird GL**
Williams R see **Gallery ME**
Williams R see **Mitchison HC**
Williams R see **Sheron N**
Williams RG see **Chin TK**
Williams RG. Complex conotruncal abnormalities with subpulmonary ventricular septal defect [editorial; comment] J Am Coll Cardiol 1990 Aug;16(2):469–70. Comment on: J Am Coll Cardiol 1990 Aug;16(2):459–68.
Williams RG see **McGurk M**
Williams RS. Genetic mechanisms that determine oxidative capacity of striated muscles. Control of gene transcription. Circulation 1990 Aug;82(2):319–31 (95 ref.)
Williams SJ see **Armitage JM**
Williams TR see **Skene AI**
Williams WG see **Rebeyka IM**
Williams WW see **Stehr-Green PA**
Williamson I see **Hofmeyr GJ**
Williamson RA see **Wenstrom KD**
Williamson RC see **Appleton GV**
Williamson RC see **Gotley DC**
Williamson RC see **Houghton PW**
Williot P see **Homsy YL**
Willis KM see **Pettinati HM**
Willis S see **Lindsay MK**
Willits NH see **Rhee KJ**
Willman CL see **Radich JP**
Willoughby TL see **Arnold L**
Wilmore DW see **Michie HR**
Wilmot CB see **Oakes DD**
Wilmott RW, Kassab JT, Kilian PL, Benjamin WR, Douglas SD, Wood RE. Increased levels of interleukin-1 in bronchoalveolar washings from children with bacterial pulmonary infections. Am Rev Respir Dis 1990 Aug; 142(2):365–8
Wilmshurst PT, Katritsis D. Restrictive cardiomyopathy. Br Heart J 1990 Jun;63(6):323–4 (34 ref.)
Wilson AF see **Brenner M**
Wilson BA, Bar-Or O, Seed LG. Effects of humid air breathing during arm or treadmill exercise on exercise-induced bronchoconstriction and refractoriness. Am Rev Respir Dis 1990 Aug;142(2):349–52
Wilson BA see **Levine SP**
Wilson C, Imrie CW. Changing patterns of incidence and mortality from acute pancreatitis in Scotland, 1961–1985. Br J Surg 1990 Jul;77(7):731–4
Wilson CR, Collier BD, Carrera GF, Jacobson DR. Acronym for dual-energy x-ray absorptiometry [letter] Radiology 1990 Sep;176(3):875–6
Wilson D see **Graber N**
Wilson DM see **De Leon DD**
Wilson DM see **Palmer LD**
Wilson FC. The accreditation of graduate educational programs in orthopedic surgery. Clin Orthop 1990 Aug; (257):18–21
Wilson JD see **Carpenter TO**
Wilson JS see **Podrid PJ**
Wilson JW see **Djukanovic R**
Wilson L Jr, Parsons MT, Ouano L, Flouret G. A new tocolytic agent: development of an oxytocin antagonist for inhibiting uterine contractions. Am J Obstet Gynecol 1990 Jul;163(1 Pt 1):195–202
Wilson LA, Sawant AD, Simmons RB, Ahearn DG. Microbial contamination of contact lens storage cases and solutions. Am J Ophthalmol 1990 Aug 15;110(2):193–8
Wilson LG. Medical revolution in Minnesota: a history of the University of Minnesota Medical School [letter] JAMA 1990 Sep 12;264(10):1250
Wilson ME, John R. Problems with the Mallampati sign [letter] Anaesthesia 1990 Jun;45(6):486–7
Wilson ME see **Apicella MA**
Wilson ME see **Chen CK**
Wilson MF see **Sprung CL**
Wilson MG, Goldhaber SZ. Complications of heparin therapy after total joint arthroplasty [letter] J Bone Joint Surg [Am] 1990 Aug;72(7):1114
Wilson MH see **Steinhoff MC**
Wilson NM, Gaunt J, Nunan TO, Coakley AJ, Collins RE, Young AE. Role of thallium-201/technetium-99m subtraction scanning in persistent or recurrent hypercalcaemia following parathyroidectomy. Br J Surg 1990 Jul;77(7):794–5
Wilson P see **Slevin ML**
Wilson PW see **Kannel WB**
Wilson RD see **Gilchrist DM**
Wilson RP, Javitt JC. Ab interno laser sclerostomy in aphakic patients with glaucoma and chronic inflammation. Am J Ophthalmol 1990 Aug 15;110(2):178–84
Wilson SZ see **Englund JA**
Wilson WB. Does optic nerve sheath decompression help progressive ischemic optic neuropathy? [letter] Arch Ophthalmol 1990 Aug;108(8):1065–6
Wilson WB, Kosmorsky GS, deMasters BK, Saul RF, Stears JC, Towfighi J, Estes ML. Diffusely infiltrating brainstem gliomas: a report of the diagnostic difficulties in 2 cases. Neurology 1990 Aug;40(8):1237–41
Wilton AN, Cooper DW. Pre-eclampsia and HLA-DR4 [letter] Lancet 1990 Aug 4;336(8710):323
Wiltshire C see **Grenfell A**
Wiltz O, O'Hara CJ, Steele GD, Mercurio AM. Sucrase-isomaltase: a marker associated with the progression of adenomatous polyps to adenocarcinomas. Surgery 1990 Aug;108(2):269–75; discussion 275–6
Winchel R see **Jones JS**
Winckler C see **Galerneau V**
Windebank KP see **Leibson PJ**
Windle JJ see **O'Brien JM**
Windle JR see **Rogers JG**
Windschitl H see **Patel SR**
Windschitl HE, O'Connell MJ, Wieand HS, Krook JE, Rubin J, Moertel CG, Kugler JW, Pfeifle DM, Goldberg RM, Laurie JA. A clinical trial of biochemical modulation of 5-fluorouracil with N-phosphonoacetyl-L-aspartate and thymidine in advanced gastric and anaplastic colorectal cancer. Cancer 1990 Sep 1;66(5):853–6
Windsor RA see **Bailey WC**
Windsor SL see **Harris WS**
Winegrad S see **Timsit J**
Winfield AC see **Moore DE**
Winfield JB see **Mimura T**
Wingren G, Fredrikson M, Brage HN, Nordenskjöld B, Axelson O. Soft tissue sarcoma and occupational exposures. Cancer 1990 Aug 15;66(4):806–11
Winkleby MA. Comparison of risk factors for ill health in a sample of homeless and nonhomeless poor. Public Health Rep 1990 Jul-Aug;105(4):404–10
Winkler JL see **Kerr TM**
Winn DG see **Agran PF**
Winn HR see **Laohaprasit V**
Winn HR see **Temkin NR**
Winn RK see **Mileski WJ**
Winslet MC, Alexander-Williams J, Keighley MR. Ileostomy revision with a GIA stapler under intravenous sedation. Br J Surg 1990 Jun;77(6):647
Winson IG see **Stanley D**
Winston RM see **Dimitry ES**
Wintemute GJ, Kraus JF, Teret SP, Wright MA. Death resulting from motor vehicle immersions: the nature of the injuries, personal and environmental contributing factors, and potential interventions. Am J Public Health 1990 Sep; 80(9):1068–70
Winter M see **Howland J**
Winter WE, Shimpo K, Obata M, Yamada K, Luchetta R. Immunogenetic analysis of beta-cell autoimmunity in NOD mice. Relationship of insulitis to T-lymphocyte-receptor beta nod and A beta nod genes. Diabetes 1990 Aug; 39(8):975–82
Winters WL Jr see **Jeroudi MO**
Winton EF see **Pereira HA**
Wipf JE, Lipsky BA. Atrial fibrillation. Thromboembolic risk and indications for anticoagulation. Arch Intern Med 1990 Aug;150(8):1598–603 (64 ref.)
Wipulakorn K see **Laupattarakasem W**
Wirnitzer U see **Katay I**
Wirostko E, Johnson L. Mycoplasma-like organisms [letter] Lancet 1990 Jul 28;336(8709):246–7
Wirshing WC see **Van Putten T**
Wirth A see **Schneider S**
Wirth FH Jr, Numerof B, Pleban P, Neylan MJ. Effect of lactose on mineral absorption in preterm infants. J Pediatr 1990 Aug;117(2 Pt 1):283–7
Wirth-Cauchon JL see **Geller JL**
Wisch N see **Feigert JM**
Wischerath LJ see **Vernon HJ**
Wise GJ see **Goldstein I**
Wise GJ. Amphotericin B in urological practice. J Urol 1990 Aug;144(2 Pt 1):215–23 (117 ref.)
Wise L see **Munoz E**
Wise TN, Mann LS, Goldberg RL. Borderline patients' view of their parents [letter] Am J Psychiatry 1990 Aug; 147(8):1104–5
Wisham J see **Thomas F**
Wiskind AK see **Rothman PA**
Wisner DH, Holcroft JW. Surgical critical care. Curr Probl Surg 1990 Aug;27(8):465–569 (211 ref.)
Wisner DH. A stepwise logistic regression analysis of factors affecting morbidity and mortality after thoracic trauma: effect of epidural analgesia. J Trauma 1990 Jul; 30(7):799–804; discussion 804–5
Wisnewsky C see **Timsit J**
Wisniewski ZS see **Tiong JT**
Wiss FC see **Westen D**
Witcoff LJ see **Shohat M**
Witherspoon RP see **Sullivan KM**
Witkin SS see **Naz RK**
Witte CL see **Witte MH**
Witte JJ see **Pitchenik AE**
Witte MH, Witte CL, Way DL. Medical ignorance, AIDS-Kaposi's sarcoma complex, and the lymphatic system [see comments] West J Med 1990 Jul;153(1):17–23 . Comment in: West J Med 1990 Jul;153(1):76–7.
Witten ML see **Grad R**
Wittkampf AR. The use of perimandibular sutures in isolated vestibuloplasty or floor of the mouth plasty procedures. J Oral Maxillofac Surg 1990 Aug;48(8):892–3
Wittsten AB see **Dougherty MF**
Witvoet J see **Sedel L**
Witz F see **Milpied N**
Witzke D see **Dunnington G**
Wixom J see **Westen D**
Wladimiroff JW see **Stewart PA**
Wladimiroff JW see **van Eyck J**
Woessner JF Jr see **Rajabi MR**
Wognum AW, Lansdorp PM, Humphries RK, Krystal G. Detection and isolation of the erythropoietin receptor using biotinylated erythropoietin. Blood 1990 Aug 15; 76(4):697–705
Woldow AB, Mattleman SJ, Ablaza SG, Nakhjavan FK. Isolated rupture of the right ventricle in a patient with acute inferior wall MI. Chest 1990 Aug;98(2):484–5
Wolf GA. Executive seduction. J Nurs Adm 1990 Jul-Aug; 20(7-8):10–1
Wolf P see **Weber RS**
Wolf PA see **Kittner SJ**
Wolf RE see **Hebert CA**
Wolf RM see **Parra RO**
Wolf W see **Mahalingam R**
Wolf YG, Reyna T, Schropp KP, Harmel RP. Arterial trauma of the upper extremity in children. J Trauma 1990 Jul; 30(7):903–5
Wolfe E Jr see **Schwaiger M**
Wolfe F see **Pincus T**
Wolfe HM, Sokol RJ, Martier SM, Zador IE. Maternal obesity: a potential source of error in sonographic prenatal diagnosis. Obstet Gynecol 1990 Sep;76(3 Pt 1):339–42
Wolfe J see **Scalcini M**
Wolfe WM see **Pasic R**
Wolff SN see **Brown RA**
Wolff TW see **Aziz W**
Wolfort FG, Dejerine ES, Ramos DJ, Parry RG. Chondrolaryngoplasty for appearance. Plast Reconstr Surg 1990 Sep;86(3):464–9; discussion 470
Wolfort S, Rohrich RJ, Handren J, May JW Jr. The effect of epinephrine in local anesthesia on the survival of full- and split-thickness skin grafts: an experimental study. Plast Reconstr Surg 1990 Sep;86(3):535–40
Wolfson DJ, Pepkowitz SH, van de Velde R, Fishbein MC. Primary endocardial fibroelastosis associated with hydrops fetalis in a premature infant. Am Heart J 1990 Sep; 120(3):708–11 (17 ref.)
Wolfson J see **Parvey HR**
Wolmark N see **Julian TB**
Wolner-Hanssen P see **Hillier S**
Wolodiger F see **Pecoraro JP**
Wolpert JJ see **Parrott TS**
Womer RB see **Yamada M**
Wong CK, Lau CP, Cheng CH, Leung WH, Freedman B. Hypocalcemic myocardial dysfunction: short- and long-term improvement with calcium replacement. Am Heart J 1990 Aug;120(2):381–6
Wong H see **Yang H**
Wong HN see **Lam BC**
Wong KL see **Kumana CR**
Wong RJ see **Ngoi SS**
Wong RW see **Kumana CR**
Wong S, Greenberger PA, Patterson R. Nearly fatal idiopathic anaphylactic reaction resulting in cardiovascular collapse and myocardial infarction. Chest 1990 Aug;98(2):501–3
Wong S see **Patterson R**
Wong W see **Fok TF**
Wong-Chung J, Ryan M, O'Brien TM. Movement of the femoral head after Salter osteotomy for acetabular dysplasia. J Bone Joint Surg [Br] 1990 Jul;72(4):563–7
Wood AA. Passive smoking [letter] BMJ 1990 Jun 23; 300(6740):1650
Wood BG see **Peters LL**
Wood BP see **Goodman P**
Wood BP see **Jacobs MB**
Wood BP see **Leonor MQ**
Wood D, Valdez RB, Hayashi T, Shen A. Homeless and housed families in Los Angeles: a study comparing demographic, economic, and family function characteristics [see comments] Am J Public Health 1990 Sep;80(9):1049–52 . Comment in: Am J Public Health 1990 Sep;80(9):1039–40.
Wood DJ, Mawhinney WH, Malcolm AJ, Stevens J. Technique for identifying cutting artefacts in sections of undecalcified bone biopsy specimens. J Clin Pathol 1990 Jun;43(6):516–7
Wood LD see **Corbridge TC**
Wood LD see **Yanos J**
Wood M see **Parvey HR**
Wood RE see **Wilmott RW**
Wood WM see **Sarapura VD**
Woodard JR see **Parrott TS**
Woodcock A see **Kalra S**
Woodford N, Payne DJ, Johnson AP, Weinbren MJ, Perinpanayagam RM, George RC, Cookson BD, Amyes SG. Transferable cephalosporin resistance not inhibited by clavulanate in Escherichia coli [letter] Lancet 1990 Jul 28; 336(8709):253
Woodhouse CR see **Skene AI**
Woodlee PM see **Maier WP**
Woods KL see **Fenton AC**

Woods KR see **Coates CJ**
Woods P see **Gouvea V**
Woody G, Luborsky L, McLellan AT, O'Brien CP. Corrections and revised analyses for psychotherapy in methadone maintenance patients [letter] Arch Gen Psychiatry 1990 Aug;47(8):788–9
Woolbert SC see **Rodgers GP**
Wooley CF. William P. Thompson, Samuel A. Levine—1935: systolic gallop sounds and mitral valve prolapse. Am Heart J 1990 Aug;120(2):460–3
Woolkalis MJ see **Williams AG**
Woolridge MW, Ingram JC, Baum JD. Do changes in pattern of breast usage alter the baby's nutrient intake? Lancet 1990 Aug 18;336(8712):395–7
Woolson ST, McCrory DW, Walter JF, Maloney WJ, Watt JM, Cahill PD. B-mode ultrasound scanning in the detection of proximal venous thrombosis after total hip replacement. J Bone Joint Surg [Am] 1990 Aug;72(7):983–7
Wootton JR, Cross MJ, Holt KW. Avulsion of the ischial apophysis. The case for open reduction and internal fixation. J Bone Joint Surg [Br] 1990 Jul;72(4):625–7
Wootton S see **Ahmed F**
Workman SJ, Kogan BA. Fetal bladder histology in posterior urethral valves and the prune belly syndrome. J Urol 1990 Aug;144(2 Pt 1):337–9
Workman SJ see **Stoller ML**
Worner F see **Tornos MP**
Worrall JG see **Wilkinson LS**
Worrell JT see **Roehrborn CG**
Worsley MH, MacLeod AD, Brodie MJ, Asbury AJ, Clark C. Inhaled fentanyl as a method of analgesia. Anaesthesia 1990 Jun;45(6):449–51
Worth ER, Burton RJ Jr, Landreneau RJ, Eggers GW Jr, Curtis JJ. Left atrial air embolism during intraoperative needle biopsy of a deep pulmonary lesion. Anesthesiology 1990 Aug;73(2):342–5
Worthington BS see **Johnson IR**
Worthington M. Lack of effect of lithium carbonate on zidovudine-associated neutropenia in patients with AIDS [letter] J Infect Dis 1990 Sep;162(3):77–8
Wortsman J see **Matsuoka LY**
Wotiz HH see **Blanco R**
Wotiz HH see **Traish AM**
Wreford NG see **Sun YT**
Wright AE see **Mueller UW**
Wright AM see **Guthaner DF**
Wright D see **Gibson P**
Wright DG see **Williams HL**
Wright DJ see **Andrews PJ**
Wright J, Ewald FC, Walker PS, Thomas WH, Poss R, Sledge CB. Total knee arthroplasty with the kinematic prosthesis. Results after five to nine years: a follow-up note. J Bone Joint Surg [Am] 1990 Aug;72(7):1003–9
Wright JC. Reported cat bites in Dallas: characteristics of the cats, the victims, and the attack events. Public Health Rep 1990 Jul–Aug;105(4):420–4
Wright JK see **Cosimi AB**
Wright K see **Rodgers GP**
Wright KC, Kasi LP, Jahns MS, Hashimoto S, Wallace S. Liposome distribution after intravenous and selective intraarterial infusion in dogs. Radiology 1990 Sep; 176(3):691–4
Wright KC. Percutaneous transcatheter stent placement [editorial; comment] Radiology 1990 Sep;176(3):620–1. Comment on: Radiology 1990 Sep;176(3):665–70.
Wright MA see **Wintemute GJ**
Wright MJ see **Udwadia ZF**
Wright WP see **Johnson JA**
Wu GE see **Misener V**
Wu J see **Zide MF**
Wu Q see **Ramakrishnan L**
Wu ST see **Stefenelli T**
Wu V see **Yang H**
Wyatt D, McGowan DN, Najarian MP. Comparison of a hydrocolloid dressing and silver sulfadiazine cream in the outpatient management of second-degree burns. J Trauma 1990 Jul;30(7):857–65
Wyatt JI see **Hirschl AM**
Wyatt JI see **Shallcross TM**
Wyatt JO see **Guthaner DF**
Wyatt TA see **Pryzwansky KB**
Wykoff RF see **Jones JL**
Wylam ME, Schmidt GA. Serendipitous discovery during jugular catheterization. Partial anomalous pulmonary venous connection. Chest 1990 Aug;98(2):493–5
Wyle FA see **Berman SM**
Wyman JB, Dent J, Heddle R, Dodds WJ, Toouli J, Downton J. Control of belching by the lower oesophageal sphincter. Gut 1990 Jun;31(6):639–46
Wynn-Jones CH see **Ali MS**
Wynne J see **Spears JR**
Wyshak G see **Barsky AJ**
Wytock DH see **Mangan TF**
Wyvill KM see **Pluda JM**
Wyvill KM see **Yarchoan R**

X

Xie PL, Chapleau MW, McDowell TS, Hajduczok G, Abboud FM. Mechanism of decreased baroreceptor activity in chronic hypertensive rabbits. Role of endogenous prostanoids. J Clin Invest 1990 Aug;86(2):625–30
Xie SS see **Hsu SM**
Xiong DZ see **Crawford DS**
Xóchitl Amelio P see **Meurehg CC**

Y

Yachelini P, Falk I, Eichmann K. Deviations in thymocyte development induced by divalent and monovalent ligation of the alpha/beta T cell receptor and by its cross-linking to CD8. J Immunol 1990 Sep 1;145(5):1382–9
Yachia D, Friedman M, Auslaender L. Tuberculous cold abscess of the corpus cavernosum: a case report. J Urol 1990 Aug;144(2 Pt 1):351–2
Yadalam K see **Levinson DF**
Yagihara T see **Yamaguchi M**
Yagil C, Sladek CD. Effect of extended exposure to hypertonicity on vasopressin messenger ribonucleic acid content in hypothalamo-neurohypophyseal explants. Endocrinology 1990 Sep;127(3):1428–35
Yagita H see **Kobata T**
Yagita H see **Smyth MJ**
Yago K see **Kanoh T**
Yague E see **Cardenas L**
Yagupsky P, Menegus MA. Cumulative positivity rates of multiple blood cultures for Mycobacterium avium-intracellulare and Cryptococcus neoformans in patients with the acquired immunodeficiency syndrome. Arch Pathol Lab Med 1990 Sep;114(9):923–5
Yahalom J see **Ryu J**
Yakeishi Y, Mori M, Enjoji M. Distribution of beta-human chorionic gonadotropin-positive cells in noncancerous gastric mucosa and in malignant gastric tumors. Cancer 1990 Aug 15;66(4):695–701
Yakes WF see **Hopper KD**
Yakes WF see **Parker SH**
Yam PC, Carli F. Maintenance of body temperature in elderly patients who have joint replacement surgery. A comparison between the heat and moisture exchanger and heated humidifier. Anaesthesia 1990 Jul;45(7):563–5
Yamabe H see **Shibamoto Y**
Yamada H see **Toi M**
Yamada K, Miyajima E, Nonaka K. Inhibition of cytokine-induced MHC class II but not class I molecule expression on mouse islet cells by niacinamide and 3-aminobenzamide. Diabetes 1990 Sep;39(9):1125–30
Yamada K see **Winter WE**
Yamada M, Wasserman R, Lange B, Reichard BA, Womer RB, Rovera G. Minimal residual disease in childhood B-lineage lymphoblastic leukemia. Persistence of leukemic cells during the first 18 months of treatment. N Engl J Med 1990 Aug 16;323(7):448–55
Yamada S see **Mochida S**
Yamada T see **Aizawa T**
Yamada T see **Itoh H**
Yamada T see **Tabor BL**
Yamada Y see **Yamamoto Y**
Yamaguchi K see **Ogawa Y**
Yamaguchi M, Hosokawa Y, Imai Y, Kurosawa H, Yasui H, Yagihara T, Okamoto F, Wakaki N. Early and midterm results of the arterial switch operation for transposition of the great arteries in Japan [see comments] J Thorac Cardiovasc Surg 1990 Aug;100(2):261–9. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):314.
Yamaguchi M, Oshima Y, Hosokawa Y, Ohashi H, Tsugawa C, Nishijima E, Tsubota N. Concomitant repair of congenital tracheal stenosis and complex cardiac anomaly in small children [see comments] J Thorac Cardiovasc Surg 1990 Aug;100(2):181–7. Comment in: J Thorac Cardiovasc Surg 1990 Aug;100(2):316–7.
Yamaguchi Y, Suda T, Shiozaki H, Miura Y, Hitoshi Y, Tominaga A, Takatsu K, Kasahara T. Role of IL-5 in IL-2-induced eosinophilia. In vivo and in vitro expression of IL-5 mRNA by IL-2. J Immunol 1990 Aug 1; 145(3):873–7
Yamaji Y see **Fujita J**
Yamakawa M see **Mimura Y**
Yamaki M see **Hosoya Y**
Yamaki M see **Ozawa T**
Yamamoto I see **Enomoto T**
Yamamoto JH see **de Smet MD**
Yamamoto M see **Akiyama Y**
Yamamoto M see **Itagaki Y**
Yamamoto N see **Chowdhury MI**
Yamamoto T see **Koh G**
Yamamoto T see **Yonenaga K**
Yamamoto Y, Tomioka H, Sato K, Saito H, Yamada Y, Setogawa T. Sex differences in the susceptibility of mice to infection induced by Mycobacterium intracellulare. Am Rev Respir Dis 1990 Aug;142(2):430–3
Yamamura AM see **Makino S**
Yamamuro T see **Suzuki S**
Yamanaka T see **Nagakawa J**
Yamanishi K see **Fujita M**
Yamanoi A see **Nagasue N**
Yamanouchi Y see **Kumagai K**
Yamasaki Y see **Kawai H**
Yamato S, Rattan S. Role of alpha adrenoceptors in opossum internal anal sphincter. J Clin Invest 1990 Aug;86(2):424–9
Yamatsu I see **Nagakawa J**
Yamauchi K see **Suzuki M**
Yamauchi T see **Furui S**
Yamazaki F see **Miyoshi S**
Yan BS see **Gruber A**
Yanagihara R, Jenkins CL, Alexander SS, Mora CA, Garruto RM. Human T lymphotropic virus type I infection in Papua New Guinea: high prevalence among the Hagahai confirmed by western analysis. J Infect Dis 1990 Sep; 162(3):649–54
Yang H, Wong H, Wu V, Walsh JH, Taché Y. Somatostatin monoclonal antibody immunoneutralization increases gastrin and gastric acid secretion in urethane-anesthetized rats. Gastroenterology 1990 Sep;99(3):659–65
Yang JC see **Rosenberg SA**
Yang LJ, Jin Y. Immunohistochemical observations on bone morphogenetic protein in normal and abnormal conditions. Clin Orthop 1990 Aug;(257):249–56
Yang MU see **Katzeff HL**
Yang XM see **Lazar HL**
Yanos J, Presberg K, Crawford G, Meller J, Wood LD, Sznajder JI. The effect of hypopnea on low-pressure pulmonary edema. Am Rev Respir Dis 1990 Aug; 142(2):316–20
Yanos J see **Corbridge TC**
Yao JS see **Baxter BT**
Yao SK, Rosolowsky M, Anderson HV, Golino P, NcNatt JM, De Clerck F, Buja LM, Willerson JT. Combined thromboxane A2 synthetase inhibition and receptor blockade are effective in preventing spontaneous and epinephrine-induced canine coronary cyclic flow variations. J Am Coll Cardiol 1990 Sep;16(3):705–13
Yaoita H see **Yasuda T**
Yap AS, Clouston WM, Mortimer RH, Drake RF. Acromegaly first diagnosed in pregnancy: the role of bromocriptine therapy. Am J Obstet Gynecol 1990 Aug; 163(2):477–8
Yap I see **Kang JY**
Yarali H see **Durukan T**
Yarchoan R, Pluda JM, Thomas RV, Mitsuya H, Brouwers P, Wyvill KM, Hartman N, Johns DG, Broder S. Long-term toxicity/activity profile of 2',3'-dideoxyinosine in AIDS or AIDS-related complex. Lancet 1990 Sep 1; 336(8714):526–9
Yarchoan R see **Pluda JM**
Yaremchuk MJ see **Lin KY**
Yarred LJ see **Jeffrey GP**
Yassa R, Nair NP, Iskander H, Schwartz G. Factors in the development of severe forms of tardive dyskinesia. Am J Psychiatry 1990 Sep;147(9):1156–63
Yaster M, Nichols DG, Deshpande JK, Wetzel RC. Midazolam-fentanyl intravenous sedation in children: case report of respiratory arrest. Pediatrics 1990 Sep;86(3):463–7
Yasuda N see **Weiskopf RB**
Yasuda T see **Gold HK**
Yasuda T, Gold HK, Yaoita H, Leinbach RC, Guerrero JL, Jang IK, Holt R, Fallon JT, Collen D. Comparative effects of aspirin, a synthetic thrombin inhibitor and a monoclonal antiplatelet glycoprotein IIb/IIIa antibody on coronary artery reperfusion, reocclusion and bleeding with recombinant tissue-type plasminogen activator in a canine preparation [see comments] J Am Coll Cardiol 1990 Sep; 16(3):714–22. Comment in: J Am Coll Cardiol 1990 Sep;16(3):723–5.
Yasui H see **Yamaguchi M**
Yasui H see **Yonenaga K**
Yasui S see **Hosoya Y**
Yasui S see **Ozawa T**
Yasuoka T, Okumura Y, Okuda T, Oka N. Hemangioma and malignant hemangioendothelioma of the maxillary sinus: case reports and clinical consideration. J Oral Maxillofac Surg 1990 Aug;48(8):877–81 (16 ref.)
Yates DW, Ellison G, McGuiness S. Care of the suddenly bereaved. BMJ 1990 Jul 7;301(6742):29–31
Yates WR see **Fulton AI**
Yau G see **Ewart MC**
Yavetz H see **Berger SA**
Yeap BY see **Licht JD**
Yeast JD see **Thorp JA**
Yeasting R see **Baciewicz FA Jr**
Yebra M, Ortigosa J, Albarrán F, Crespo MG. Ciprofloxacin in a case of Q fever endocarditis [letter] N Engl J Med 1990 Aug 30;323(9):614
Yee A see **Harris SL**
Yee G see **Kantarjian HM**
Yeh T Jr see **Rebeyka IM**
Yeh TF, Torre JA, Rastogi A, Anyebuno MA, Pildes RS. Early postnatal dexamethasone therapy in premature infants with severe respiratory distress syndrome: a double-blind, controlled study [see comments] J Pediatr 1990 Aug;117(2 Pt 1):273–82. Comment in: J Pediatr 1990 Aug;117(2 Pt 1):248–50.
Yehuda R see **Southwick SM**
Yelin EH, Katz PP. Transitions in health status among community-dwelling elderly people with arthritis. A national, longitudinal study. Arthritis Rheum 1990 Aug; 33(8):1205–15
Yellin AE see **Applebaum R**
Yeo CJ see **Bastidas JA**
Yeomans ER see **Strickland DM**
Yerly S see **Perrin LH**
Yetley EA see **Lewis CJ**
Yeung CY see **Lam BC**
Yew FS see **Goh KT**

Yin JA see **Jowitt SN**
Yin JA see **Sung RY**
Yin SM see **Ulich TR**
Ylänne J, Cheresh DA, Virtanen I. Localization of beta 1, beta 3, alpha 5, alpha v, and alpha IIb subunits of the integrin family in spreading human erythroleukemia cells. Blood 1990 Aug 1;76(3):570–7
Ylöstalo P see **Saari-Kemppainen A**
Yodoi J see **Kataoka Y**
Yoganathan AP see **Rashtian MY**
Yogman MW see **Casey PH**
Yokochi T see **Iwata H**
Yokono K see **Hatamori N**
Yokosuka O see **Tada M**
Yokota T see **Ishihara T**
Yokoyama K see **Watanabe K**
Yokoyama T see **Nakagawara A**
Yoneda A see **Nakahara K**
Yonekura Y see **Ohtani H**
Yonenaga K, Yasui H, Kado H, Nakamura Y, Shiokawa Y, Yamamoto T, Miyamoto K. Myocardial protection by retrograde cardioplegia in arterial switch operation. Ann Thorac Surg 1990 Aug;50(2):238–42
Yoon Y see **Im JG**
York M see **Krumholz HM**
Yoshida A see **Akiba J**
Yoshida I see **Itoh H**
Yoshida K see **Ashida T**
Yoshida K see **Itagaki Y**
Yoshida M see **Araki T**
Yoshida R see **Takikawa O**
Yoshida S see **Fujiki A**
Yoshida Y see **Manabe Y**
Yoshikai Y see **Eto M**
Yoshikawa K see **Nomura M**
Yoshikawa N see **Toyoda N**
Yoshimi H see **Ashida T**
Yoshimoto T see **Nakanishi K**
Yoshimura A see **Kuwazuru Y**
Yoshimura K see **Rubin LJ**
Yoshimura M see **Toyoda N**
Yoshimura Y, Nakajima T. Tracheoplasty with palatal mucoperiosteal graft. Plast Reconstr Surg 1990 Sep; 86(3):558–62
Yoshinaga K see **Itagaki Y**
Yoshioka T, Nakanishi N, Okubo S, Kunieda T, Ishikura F, Nagata S. Improvement in pulmonary function in mitral stenosis after percutaneous transvenous mitral commissurotomy [see comments] Chest 1990 Aug; 98(2):290–4. Comment in: Chest 1990 Aug;98(2):259–60.
Youdim MB see **Amit T**
Youl BD see **Mavra M**
Younes RN see **Bevilacqua RG**
Young AE see **Wilson NM**
Young AJ see **Misener V**
Young DW see **Joseph DB**
Young HA see **Smyth MJ**
Young JW see **Burgess AR**
Young KH see **Gross TS**
Young LS see **Chiu J**
Young MA see **Fawcett J**
Young MB see **Whitlock WL**
Young R, Towbin B, Isern R. Scleroderma and ovarian carcinoma [letter] Br J Rheumatol 1990 Aug;29(4):314
Young RJ see **Britland ST**
Young VR see **Jaksic T**
Young W, Blane C, White SJ, Polley TZ. Congenital biliary dilatation: a spectrum of disease detailed by ultrasound. Br J Radiol 1990 May;63(749):333–6
Young WF Jr, Zinsmeister AR, Twomey CK, Kao PC, Jiang NS, Carpenter PC. Ovine corticotropin releasing hormone stimulation test: normal value study. Mayo Clin Proc 1990 Jul;65(7):943–8
Young WW see **Fall LH**
Younger DS see **Bonilla E**
Youngner SJ. Futility in context [editorial; comment] JAMA 1990 Sep 12;264(10):1295–6. Comment on: JAMA 1990 Sep 12;264(10):1276–80. Comment on: JAMA 1990 Sep 12;264(10):1281–83.
Yount WJ see **Berger RG**
Yousem SA see **Dowling RD**
Yu A see **Pecoraro JP**
Yu EJ see **Im JG**
Yu J see **Cryer HG**
Yu J see **Thompson R**
Yuasa H see **Chapman PB**
Yudkin JS, Forrest RD, Jackson C. Urine analysis for glucose and protein [letter] BMJ 1990 Jun 2;300(6737):1463–4
Yue A see **Ramakrishnan L**
Yufu Y see **Kato S**
Yukaya H see **Nagasue N**
Yukioka H, Hayashi M, Fujimori M. Lidocaine intoxication during general anesthesia [letter] Anesth Analg 1990 Aug; 71(2):207–8
Yuksel B, Greenough A, Maconochie I. Effective bronchodilator treatment by a simple spacer device for wheezy premature infants. Arch Dis Child 1990 Jul; 65(7):782–5
Yunginger JW see **Schroeckenstein DC**
Yurt RW see **Joy SA**
Yurt RW see **Waymack JP**

Z

Zabatino SM see **Shapira N**
Zaccara A see **Caione P**
Zador IE see **Wolfe HM**
Zagonel V see **Maio M**
Zahavi J see **Zahavi M**
Zahavi M, Zahavi J. Thrombin and plasminogen activator inhibitor [letter] Blood 1990 Aug 15;76(4):853–4
Zahka KG see **Horneffer PJ**
al Zaibag M see **al Kasab SM**
Zaider E see **Poh-Fitzpatrick MB**
Zajac RA see **Beck DE**
Zak S see **Feliciano NR**
Zakinthinos S, Baltopoulos G, Roussos C. Fat emulsion and ARDS [letter] Chest 1990 Aug;98(2):509–10
Zaloga GP see **Meredith JW**
Zalstein E see **Stone J**
Zaman MB see **Janerich DT**
Zaman SH. Endogenous steroids and pathogenesis of hepatic encephalopathy [letter] Lancet 1990 Sep 1;336(8714):573–4
Zambello R see **Agostini C**
Zamel N see **Katz I**
Zamir O see **Hall-Angerås M**
Zamora E see **Requena L**
Zampino G see **Mastroiacovo P**
Zander AR see **Spinolo JA**
Zanella A see **Bellobuono A**
Zanetti AR, Tanzi E, Zehender G, Magni E, Incarbone C, Zonaro A, Primi D, Cariani E. Hepatitis C virus RNA in symptomless donors implicated in post-transfusion non-A, non-B hepatitis [letter] Lancet 1990 Aug 18;336(8712):448
Zannoli R see **Mattioli S**
Zanovello P, Bronte V, Rosato A, Pizzo P, Di Virgilio F. Responses of mouse lymphocytes to extracellular ATP. II. Extracellular ATP causes cell type-dependent lysis and DNA fragmentation. J Immunol 1990 Sep 1;145(5):1545–50
Zanussi C see **Nicoletti F**
Zarbo RJ see **Cho KH**
Zarins B see **O'Neill DB**
Zarins CK see **Singh TM**
Zaudig M see **Hiller W**
Zbitnew A see **Crone LA**
Zboralske FF see **Nino-Murcia M**
Zebly M see **Pillai R**
Zeck OF see **Lowry PA**
Zehender G see **Zanetti AR**
Zeien LB, Klatt EC. Cardiac valve prostheses at autopsy. Arch Pathol Lab Med 1990 Sep;114(9):933–7
Zeiger RS see **Schatz M**
Zeigler VL, Gillette PC, Crawford FA Jr, Wiles HB, Fyfe DA. New approaches to treatment of incessant ventricular tachycardia in the very young. J Am Coll Cardiol 1990 Sep;16(3):681–5
Zeiss CR see **Patterson R**
Zeitler P, Argente J, Chowen-Breed JA, Clifton DK, Steiner RA. Growth hormone-releasing hormone messenger ribonucleic acid in the hypothalamus of the adult male rat is increased by testosterone. Endocrinology 1990 Sep; 127(3):1362–8
Zelinsky R see **Geschwind HJ**
Zella D, Mori L, Sala M, Ferrante P, Casoli C, Magnani G, Achilli G, Cattaneo E, Lori F, Bertazzoni U. HTLV-II infection in Italian drug abusers [letter] Lancet 1990 Sep 1;336(8714):575–6
Zemel MB, Zemel PC, Berry S, Norman G, Kowalczyk C, Sokol RJ, Standley PR, Walsh MF, Sowers JR. Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women [see comments] N Engl J Med 1990 Aug 16;323(7):434–8. Comment in: N Engl J Med 1990 Aug 16;323(7):478–80.
Zemel MB see **Saunders E**
Zemel PC see **Zemel MB**
Zenati M see **Dowling RD**
Zeng Y see **Tzakis AG**
Zenklusen HR, Weymuth G, Rist M, Mihatsch MJ. Carcinosarcoma of the prostate in combination with adenocarcinoma of the prostate and adenocarcinoma of the seminal vesicles. A case report with immunocytochemical analysis and review of the literature. Cancer 1990 Sep 1; 66(5):998–1001 (12 ref.)
Zerbi A see **Braga M**
Zerhouni EA see **Rifkin MD**
Zetterman RK. Autoimmunity and alcoholic liver disease [comment] Am J Med 1990 Aug;89(2):127–8 (20 ref.). Comment on: Am J Med 1990 Aug;89(2):129–33.
Zeyen B see **Wilder-Smith CH**
Zhang GL see **Kho HG**
Zhang LC see **Ling JM**
Zhang Z see **Liu BX**
Zhao HF see **Dupont E**
Zheng XZ see **Reece EA**
Zhou YL see **Chen CR**
Zhuang CF see **Kho HG**
Zidar BL see **Fox KR**
Zide MF, Wu J. The placement of screws above the zygomaticofrontal suture. J Oral Maxillofac Surg 1990 Aug;48(8):813–6
Ziegler EE. Milks and formulas for older infants. J Pediatr 1990 Aug;117(2 Pt 2):S76–9
Ziegler EE see **Stegink LD**
Zieleniewski W. Calcitonin nasal spray for painful diabetic neuropathy [letter] Lancet 1990 Aug 18;336(8712):449
Zieliński J. Bronchial hyperresponsiveness in patients with chronic pulmonary congestion [letter] Chest 1990 Aug; 98(2):511–2
Zierler B see **Bauer LA**
Zierz S see **Maurer I**
Ziessman H see **Tarkington MA**
Ziffer S see **Dämmrich J**
Zimbler AG see **Posnick JC**
Zimmer T, Jones PP. Combined effects of tumor necrosis factor-alpha, prostaglandin E2, and corticosterone on induced Ia expression on murine macrophages. J Immunol 1990 Aug 15;145(4):1167–75
Zimmerman HJ see **Clark JA**
Zimmerman LE see **Rubinfeld RS**
Zimmerman M, Coryell WH, Black DW. Variability in the application of contemporary diagnostic criteria: endogenous depression as an example. Am J Psychiatry 1990 Sep;147(9):1173–9
Zimmerman SO see **Spence DW**
Zimmern PE see **Beshai AZ**
Zimmern PE see **Weese DL**
Zimniak P, Radominska A, Lester R. The pathogenesis of cholestasis. Hosp Pract [Off] 1990 Aug 15;25(8):107–11, 114–8, 123–5 (7 ref.)
Zincke H see **Nativ O**
Zincke H see **Rainwater LM**
Zingg EJ see **Studer UE**
Zinn WM. Transference phenomena in medical practice: being whom the patient needs. Ann Intern Med 1990 Aug 15;113(4):293–8
Zinner MJ see **Bastidas JA**
Zinsmeister AR see **Young WF Jr**
Zisfein J see **Barsky AJ**
Zlatnik FJ, Gellhaus TM, Benda JA, Koontz FP, Burmeister LF. Histologic chorioamnionitis, microbial infection, and prematurity. Obstet Gynecol 1990 Sep;76(3 Pt 1):355–9
Zobel G see **Ring E**
Zocchi C see **Massimo CG**
Zoghbi WA see **Rodriguez AR**
Zola BE see **Schreiber TL**
Zollinger RM Jr see **Franceschi D**
Zonaro A see **Zanetti AR**
Zoneraich S see **Adamick R**
Zorc JJ see **Bareta JC**
Zoucas E, Thörne J, Fäldt R, Ankerst J. Inhibition of platelet aggregation by granulocytes stimulated during experimental trauma. Crit Care Med 1990 Aug;18(8):845–7
Zsigmond E, Fong B, Angel A. Dietary polyunsaturated fatty acids enhance the uptake of high-density lipoprotein cholesterol ester by rat adipocytes. Am J Clin Nutr 1990 Aug;52(2):289–99
Zubcov AA, Reinecke RD, Gottlob I, Manley DR, Calhoun JH. Treatment of manifest latent nystagmus. Am J Ophthalmol 1990 Aug 15;110(2):160–7
Zubiate P see **Krohn BG**
Zucali JR see **Moreb J**
Zuckerman AJ. Hepatitis E virus. BMJ 1990 Jun 9; 300(6738):1475–6 (15 ref.)
Zussman S see **Whitehead ED**
Zutter MM, Gersell DJ. Acute lymphoblastic leukemia. An unusual case of primary relapse in the uterine cervix. Cancer 1990 Sep 1;66(5):1002–4
Zvaifler N see **Kursunoglu-Brahme S**
Zvaifler NJ see **Lightfoot RW Jr**
Zwart N see **Welberg JW**
Zweiman B see **Olson R**
Zweng TN, Iannettoni MD, Bove EL, Pridjian AK, Fox MH, Bolling SF, Gallagher KP. The concentration of calcium in neonatal cardioplegia. Ann Thorac Surg 1990 Aug; 50(2):262–7
Zweymüller KK see **Graf H**
Zwillich CW see **Gleeson K**
Zybert P see **Gutin B**
Zylberberg G see **Puchois P**
Zyzanski SJ see **Acheson LS**

NATIONAL LIBRARY OF MEDICINE RECURRING BIBLIOGRAPHIES

The National Library of Medicine through its computer-based MEDLARS (Medical Literature Analysis and Retrieval System) periodically produces lists of citations in specialized biomedical fields. These lists, termed "Recurring Bibliographies," are printed and distributed by nonprofit professional organizations and government agencies.

ANESTHESIOLOGY BIBLIOGRAPHY: (quarterly), published and distributed by the American Society of Anesthesiologists. Write: Wood Library Museum of Anesthesiology, American Society of Anesthesiologists, 515 Busse Highway, Park Ridge, Illinois 60069.

CHIROPRACTIC, RECURRING BIBLIOGRAPHY FOR, published quarterly by the Palmer College of Chiropractic in the Journal of Chiropractic Research and Clinical Investigation. Write to: Palmer College of Chiropractic, 741 Brady St., Davenport, IA 52803.

CRANIOFACIAL BIBLIOGRAPHY, INTERNATIONAL: (quarterly), published in the *Journal of Craniofacial Surgery*. Write to: B.C. Decker, Inc., 3228 South Service Road, Burlington, Ontario, Canada L7N3H8

DENTAL LITERATURE, INDEX TO: (quarterly), sold by the American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

DIARRHOEAL DISEASES, BIBLIOGRAPHY OF ACUTE: (Semi-annual), write to: Diarrhoeal Diseases Control Program, World Health Organization, 1211 Geneva 27, Switzerland.

FAMILY MEDICINE LITERATURE INDEX: (annual), published by the World Organization of National Colleges, Academies, and Academic Associations of General Practitioners/Family Physicians. For information write: Family Medicine Literature Index, Canadian Library of Family Medicine, The College of Family Physicians of Canada, University of Western Ontario, Natural Sciences Center, London, Ontario, Canada N6A5B7.

HOSPITAL LITERATURE INDEX: (quarterly), write to: American Hospital Association, 840 N. Lake Shore Drive, Chicago, Illinois 60611.

INTERNATIONAL NURSING INDEX: (quarterly), sold by American Journal of Nursing Company, 555 West 57th Street, New York, New York 10019-2961.

MAJOR TROPICAL DISEASES, QUARTERLY BIBLIOGRAPHY OF: (quarterly), distributed by the Special Programme for Research and Training in Tropical Diseases, World Health Organization, 1211 Geneva 27, Switzerland.

MULTIPLE BIRTHS, CURRENT RESEARCH ON: (semi-annual), published in *Acta Geneticae et Genellologiae*. For information please write to: Alan R. Liss, 41 E. 11th Street, New York, New York 10003.

MULTIPLE SCLEROSIS RESEARCH REPORTS: (quarterly), published by the International Federation of Multiple Sclerosis Societies. Write to: Demos Publications, 156 Fifth Avenue, New York, NY 10010.

ONCHO UPDATE: (quarterly), published and distributed by the Edna McConnell Clark Foundation, 250 Park Avenue, New York, New York 10017.

ORTHOPAEDIC SURGERY, ANNUAL BIBLIOGRAPHY OF: (annual), published and distributed by the Journal of Bone and Joint Surgery, 10 Shattuck Street, Boston, Massachusetts 02115.

PHYSICAL FITNESS/SPORTS MEDICINE: (quarterly), sponsored by the President's Council on Physical Fitness and Sports , 450 Fifth Street, N.W., Washington, D.C. 20001

PLASTIC AND RECONSTRUCTIVE SURGERY, ONGOING CURRENT BIBLIOGRAPHY OF: (bimonthly), to order write to: Medlars Direct Mail Center, 23 Pinewood Farm Court, Owings Mills, Maryland 21117. Phone: 301/252-4022.

PODIATRIC MEDICINE AND SURGERY, BIBLIOGRAPHY OF: (monthly), included in the *Journal of the American Podiatric Medical Association*. Published by the American Podiatric Medical Association, 9312 Old Georgetown Road, Bethesda, Maryland 20814-1621.

PSYCHOPHARMACOLOGY BIBLIOGRAPHY: (quarterly), published in the *Psychopharmacology Bulletin* by the National Institute of Mental Health. Write to: Allen Raskin, Ph.D., Editor, Psychopharmacology Bulletin, NIMH, Parklawn Building, Room 9101, Rockville, Maryland 20857.

RECURRING BIBLIOGRAPHY FOR CHIROPRACTIC: (quarterly), published by the Palmer College of Chiropractic in *Chiropractic: The Journal of Chiropractic Research and Clinical Investigation*, 741 Brady Stret, Davenport, Iowa 52803 .

SCHISTO UPDATE: (quarterly), bibliography of Schistosomiasis published by the Edna McConnell Clark Foundation, 250 Park Avenue, New York, New York 10017.

SELECTED MEDICAL LIBRARY ON MICROFICHE: (monthly), available from: The Rockefeller Foundation, 1133 Avenue of the Americas, New York, NY 10036.

STRABISMUS, AMBLYOPIA, AND OTHER DISEASES OF OCULAR MOTILITY: (quarterly), published by the International Strabismological Association. Write to: Robert D. Reinecke, M.D., Wills Eye Hospital, Foerderer Eye Movement Center for Children, 9th and Walnut Streets, Philadelphia, Pennsylvania 19107.

SURGERY OF THE HAND, BIBLIOGRAPHY OF: (annual), published and distributed by: American Society for Surgery of the Hand, 3025 S. Parker Road, Suite 65, Aurora, Colorado 80014.

TRACHOMA UPDATE: (quarterly), published and distributed by the Edna McConnell Clark Foundation, 250 Park Avenue, New York, New York 10017.

NIH Publication No. 91-251